



Saturday Specials

All Canned Goods; All Bottle Goods on Sale this week.

Dill Pickles, per quart 5c
Shoulder Beef 16c to 18c
Chickens 28c

CASH and CARRY Saves
You 4 Per Cent.

STRICTLY CASH MARKET

F. H. MILKS Phone No. 2

Buy a Bond of the 2nd Liberty Loan
and help win the war

Squeezing the Dollars

It always results, when you go to buy groceries, in one of two things—

You get a POOR article, or
You get LIGHT WEIGHT or SHORT MEASURE
unless you trade with a house that Guar-
antees you against such profiteering.

Honest Goods—Honest Prices

The entire reputation of our business rests upon these two words. You don't need to squeeze your dollar here—it will go its full length in buying actual honest values in Groceries and Provisions of all kinds. Come to us and see how perfectly satisfied we can make you as to QUALITY and PRICE.

H. Petersen, GROCER
Phone No. 25

L. J. KRAUS (Successor to A. Kraus Est.)

DEALER IN

Hardware, Stoves, Builders' Supplies
Paints and Oils, Sporting Goods
Plumbing and Tin Shop

The stove season is now here. Come in and look over our line of

HEATING STOVES and RANGES

We carry the Florence Hot-Blast Air Tight; the Universal Line, Peninsular and Garland

Come in and look over our Guns and Ammunition
Yours for business,

L. J. KRAUS

Max Landsberg

SHOES, CLOTHING and GENTS'
FURNISHING GOODS

WE HAVE MOVED

Our new location is in the new Salling building recently occupied by the Royal Cafe, and now we want the people of Crawford county to know that we are doing business at the new stand. We want you to get acquainted with our store and our service. Steady customers are what we want and if you once come here you will soon get the habit of coming here for all your needs in our line.

MAX LANDSBERG

We've got the soldiers now Uncle Sam
needs the money—Buy a Liberty Bond

26 CRAWFORD COUNTY BOYS

SELECTED FOR MILITARY SERVICE.

Contingent Will Be Called to Service Soon.

The next contingent of Crawford boys who must answer to the selective draft, will probably be called to report for the trip to Camp Custer at Battle Creek some time early in November. It was expected that these were to have been called some time last month.

School Notes

Strong reasons makes strong actions.—Shakespeare.

HIGH SCHOOL.

According to the Agriculture class, we have twenty-five different kind of trees in this vicinity.

The outlook for an artificial limb factory seems promising if foot-ball is still to be indulged in by the High school boys.

In spite of the accidents, and the

To the Housewives of Crawford County

Beginning with Monday, October 28, there will be a food conservation drive throughout the U. S. This means that the housewives in every county of every state of the U. S. will be visited and asked to sign the following pledge:

TO THE FOOD ADMINISTRATOR:

I am glad to join you in the service of food conservation for our nation and I hereby accept membership in the United States Food Administration, pledging myself to carry out the directions and advice of the Food Administrator in my home, insofar as my circumstances permit.

Name.....
Street.....
City..... State.....

There are no fees or dues to be paid. The Food Administration wishes to have as members all of those actually handling food in the home.

Anyone may have the Home Card of Instruction, but only those signing pledges are entitled to Membership Window Card, which will be delivered upon receipt of the signed pledge.

We wish to secure allegiance to this National Service from every home-keeper in Crawford county. Compared with the sacrifice of our sons and brothers it is but little to ask. If we save a pound of flour per week, we save 125,000,000 bushels per year. It is this multiplication of teaspoonsful, slices and scraps by 100,000,000 every 365 days that will win the war and save the world.

Therefore we ask the housewives of this county to co-operate with the Food Conservation Committee and make Crawford county solid for food conservation.

County Chairman Food Conservation,
Grayling, Mich.

but because of the unavailability of the Camp Custer trip was deferred. The list comprises twenty six men, as follows:

Ford Middleton, Bay City.
George Waldie, Waters.
Lemuel C. Corning, Frederic.
Edward James Cross, Deward.
George Bobbie, Frederic, Mich.

John Middleton, Frederic.
Edward McDermaid, Frederic.
Daniel Harrison William, Eldorado.
Robert Thomas Roblin, Grayling.
Daniel C. Babbitt, Grayling.

Gilbert Cram, Frederic.
Herbert B. Trudeau, Grayling.
Arthur Moody, Grayling.
Floyd L. Taylor, Grayling.
Ernest Larson, Grayling.

Joseph Kapl, Frederic.
Philip Cavanaugh, Grayling.
William Thomas Everett, Grayling.
Thomas Mc Guire, Deward.

John D. Lammon, Frederic.
Lewis Beach, Jr., Grayling.

Francis P. Decker, Roscommon.
Patrick V. O'Reagan, Grayling.
Walter S. Shaw, Grayling.

Frank C. Barnes, Vanderbilt.
Wilhelm H. Andreason, Grayling.

See Geo. L. Alexander & Son before purchasing automobile insurance.

unfavorable score of 52 and 6 in the Traverse City foot ball game Friday. The boys reported a good, clean, game and excellent entertainment.

Probably Emerson Bates never realized his popularity until he met with an accident while fighting for the yellow and black.

The Senior U. S. History class is studying the Critical period following the Revolutionary war.

8 B. arithmetic is acquiring speed in solution of interest problems. They think they can reach the one-minute pace.

THIRD GRADE.

Calvin and Munroe Lepard and Grace and Mandie Horning entered the Fourth grade Monday, making the number enrolled in that grade seventy-six.

The A. fourth grade are being initiated into the mysteries of long division.

FOURTH GRADE.

Third grade boys and girls are very much interested in finding seeds to illustrate the different methods of seed dispersal.

Don't let it be said that there is not at least one Liberty bond in your home.

LIBERTY LOAN OVER SUBSCRIBED

SMALL SUBSCRIBERS MAKE RECORD CONTRIBUTIONS. NAMES TO BE PUBLISHED NEXT WEEK.

The people of Crawford county have over-subscribed the 2nd Liberty Loan bonds quota, designated by the Federal government. Up to Tuesday noon of this week there had been \$43,700 worth of bonds purchased in Crawford county, while we were only required to purchase \$40,700 worth. Of this amount \$13,000 had been taken in \$50 and \$100 amounts.

The very latest information obtainable this morning indicated that the sale would hit the \$50,000.00 mark, or nearly \$10,000.00 more than was required. The exact amount had not been compiled.

The splendid success in selling this amount of bonds is largely due to the hustle and efforts of those who have had the matter in charge and their very able assistants. Most of the small blocks were sold to men and girls working in the factories, for the railroads and in our homes and offices. Besides purchasing bonds themselves some of the men got busy and got signatures to a goodly number of applications.

Chairman T. W. Hanson says that he fully appreciates the co-operation he has had from the people in general and especially from those who put their shoulders to the wheel and helped the work along.

A list of the names of purchasers will be published in the Avalanche next week.

It certainly has been a strenuous two weeks at the Chairman's office. He practically turned aside his personal business and devoted his time and the time of some of his employees in sending out communications, and working to make the Loan drive a success in Crawford county.



HERBERT BRENON
STORY OF THE
"THE ETERNAL SIN"
STORY OF THE
"THE ETERNAL SIN"

Grayling opera house Friday evening, October 26.

Croup.

If your children are subject to croup get a bottle of Chamberlain's Cough Remedy, and when the attack comes on be careful to follow the plain printed directions. You will be surprised at the quick relief which it affords.

Wonderful!

Are the showings of new Fall and Winter Dress Goods. Plaids in all colors, 36-in. wide at \$1.00 per yard. Stripes in all colors, 50-in. wide at \$1.75 per yard.

Striped Silks in skirt lengths only \$2.00 per yd. 1 yard wide

New Autumn Georgettes in readiness. There are so many uses to which Georgettes may be put that its popularity is not a matter of vogue, but it seems that Georgette is more in demand this season than ever and for this reason we consider ourselves fortunate in having a complete assortment—all 40-in. wide at \$2.00 per yd.

New showing of Voiles, Scrim, Etamine, Marquissette and Cretonnes, for dressing your home for winter.

Special We have just what you so much need at this time—YARN—all colors, and KNITTING NEEDLES—all sizes, in white, amber and mahogany.

EMIL KRAUS

Grayling's Leading Dry
Goods and Clothing Store

A Toast to Bread

Here's to the backbone of civilization—BREAD. It satisfies when nothing else can satisfy. When the nectar of the gods tastes flat and insipid in the merry quaff, and when the menu with its surfeit of viands and victuals fails to please, good, sweet, nutritious wheat bread comes like a ministering angel to put courage and spirit into the hearts of men. Arrayed in no delicious frostings or tempting garnishments, bread wields the scepter in its regal sway. Companion of prince and peasant, at home in cabin and castle, it is, indeed, builder of men and of nations—our daily bread.—G. F. Wright in Bakers' Helper.

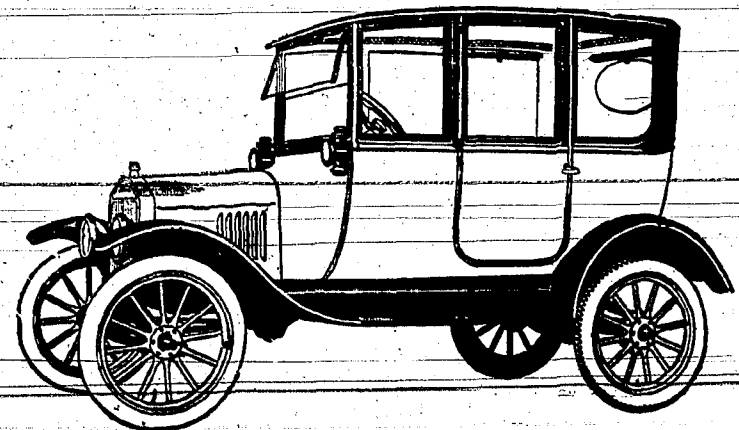
Model Bakery and Grocery

THE HOME OF PURITY AND QUALITY

Ford
THE UNIVERSAL CAR

The Ford Sedan is high-class in appearance and appointments. The seats are restful, and deeply upholstered with cloth of high quality. Large doors give convenient entrance on either side; plate glass windows make it a closed car for inclement weather, and give fresh air when open. With high quality in appearance and equipment there is the simple and safe control when driving. A woman's car—a family car for every day in the year. Ford Sedan \$645 f. o. b. Detroit.

GEORGE BURKE, Grayling, Michigan.



CRAWFORD COUNTY CHAPTER + RED CROSS NOTES

The annual meeting of the Crawford county chapter will be held Monday evening Oct. 30, in the High School Auditorium. Make an effort to attend.

Don't be afraid you will do too much for the boys "Over there." You won't; you can't. Knit! Sew! Buy a Liberty Bond!

The display of Red Cross knitting and sewing at the Social club rooms Saturday afternoon brought a large number of visitors. Arrangements were in charge of Mrs. A. Joseph who is giving a great part of her time as chairman of sewing. Incidentally \$22 was added to the Red Cross funds from the sale of coffee and sandwiches and no end of knitting was accomplished during the afternoon. Interest was so awakened and the afternoon so much enjoyed it is planned to repeat the occasion once each month.

Better cast on 88 or 90 stitches for your next sweater. Unless very large

needles are used and knitting is done very loosely 80 stitches is not enough. Report comes back from France that many knitted articles are too small.

A girls' knitting club has been organized and starts with 25 members. Miss Virginia Bingham is president. 200 women are knitting in Grayling. Who will make it 201?

A fine pair of wristlets was on display Saturday knit by Ella Hanson age 7.

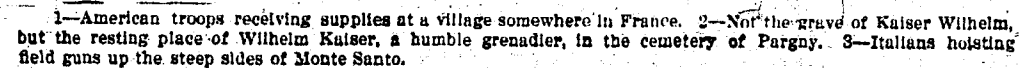
If any subscribing member has not received the Red Cross magazine please notify Mrs. Olaf Michelson.

Members recently received are:

Mrs. A. Olson.
Frank Ostrander.
Mrs. Gideon Croteau.

Eva Jennings.
Mrs. Aleck La Grow.
Mrs. M. Simpson.

Mrs. E. Simpson.
Mrs. Ivo Schram.
Alice Billings.



SLAVS RESISTING STOUTLY

By EDWARD W. RICKARD

On the West Front.
In Flanders the British practically completed their occupation of the important Passchendaele Ridge and the Germans were observed to be hurriedly building a long dam for the purpose of flooding the low land east of the ridge. Meanwhile the French on the left flank of the British steadily widened the base of the wedge that is being driven in between the German

Turin.—The Italian parliament, just reopened, may precipitate a ministerial crisis because of serious riots in Turin the latter part of August, due in part to the delay in providing the town with sufficient bread, and in part to political discontent.

Wilson's New Blow at Germany.
Determined that Germany and its allies shall not benefit from the trade and industry of the United States, President Wilson started off the week by setting in motion machinery to stop trade with the enemy and transmission of information valuable to him, to control enemy aliens and enemy property and to check the activities in America of German sympathizers. By executive decree the president created a war trade board, with Vance McCormick as chairman, supplanting the exports administrative board, and a war trade commission to administer the question of foreign policy; gave the secretary of the treasury power to regulate the export of gold, silver and currency, transfers of credit, transactions in foreign exchange, and enemy insurance companies, and authority to prevent the transmission of written or photographic information from this country except through the mails; created a censorship board to prevent the transmission of intelligence to the enemy by any means; gave the trade commission full authority over enemy patents; gave the postmaster general power to regulate the export of war material, and foreign languages, papers, and other things took control of enemy interests in the United States.

The provisions of this sweeping decree when put into full force should help a lot in the process of bottling up the German empire. The United States

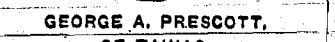
men for the winter in the framing of the camp are being made rapidly and cheaply in transit, and therefore there will be no shortage of warm clothing, furs and all other necessary supplies.

The Liberty bond campaign went with a rush last week, despite the disloyal opposition displayed in some localities. The government has taken steps to punish the pro-german workers who have fostered the hostile sentiment, and Secretary McAdoo has asked banks to report the names of those who have sought to intimidate bankers by threats to withdraw their deposits.

The senatorial committee investigating Senator La Follette's loyalty held several sessions but was temporarily stalled by the wily fellow's demand that he be given the opportunity to cross-examine those who had contradicted his assertion regarding Bryan's statement to President Wilson about the Lusitania. As the committee cannot adjourn summer the president or Mr. Bryan, it adjourned to think the case over.

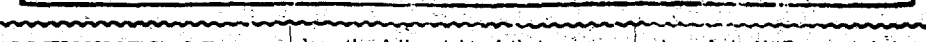
Former Senator Pettigrew of South Dakota is emulating the record of La Follette and defying the government to have him indicted. His utterances are anything but reprehensible. He has said of the Wisconsin farmer that he himself is much more negligible than all their readers and hearers were persons of sound sense, neither one would be worth the powder it would take to blow him over to Germany.

MICHIGAN FOOD DIRECTOR



Mr. Prescott was appointed food administrator for Michigan by Herbert Hoover. While Mr. Prescott has unlimited powers he has, so far, preferred to use persuasion in his efforts to regulate the price of food in this state.

the United States were an autocratic country there would be no popular appeal for the conservation of food. There would be an autocratic food control. The mailed first would be in the kitchen. Imperial food laws would be enforced at the point of the bayonet. But ours is not an autocratic country. Food control is in the hands of the people themselves and it is to the people that the food administration has appealed in the food pledge card campaign.



SCOUTS ARE NOT "GLOOMS"

Now I lay me down to sleep.
I pray the Lord I may not shirk:
If I should die before I wake,
I pray the Lord I've done my work.

As a further aid in raising the standards of the Boy Scouts of America, and improving the appearance of Scouts wearing the uniform, it is recommended by national headquarters that a system of frequent inspection of every troop be developed, and that no boy be permitted to successfully pass an examination unless his uniform is properly put on and thoroughly clean. Soap and water will not injure the Boy Scout uniform.

The practice of allowing the boys to appear at a troop meeting or on the public thoroughfare or even in camp in a uniform which shows evidence of uncleanliness is not conducive to the best training of the Scout.

COMMUNITY DRYING PLANTS.

A troop of Boy Scouts with a head or business could accomplish as good results as were secured in a community drying plant at North Lincoln, Neb.

is 3½ feet wide. The cabinet is divided into five sections, four of which are large enough to accommodate two stacks of drying trays of any size. The compartments are lettered and the trays numbered and a record is kept by the caretaker of the trays assigned to the various patrons. A charge is made to cover cost of operation and the salary of the caretaker. The caretaker is at the plant 10 hours in the morning and for about one hour in the afternoon. The patrons have their vegetables and fruits all prepared when they come to the plant. Two or three slicing machines are provided for the convenience of those who do not have them at home.

The poor families in Linfield, Pa., are aided by the Boy Scouts cutting down the dead trees in the forests and distributing the firewood among them. The breeding places of mosquitoes in Memphis, Tenn., have been located by Boy Scouts, who assist in their extermination. The thousands of caterpillars infesting the trees at Glen Cove, N. Y., have been sprayed by the Boy Scouts to make it their duty to kill them, thus saving the trees.

The equipment purchased by a Maynard (Mass.) Boy Scout troop with money they have earned is as follows:

A troop bag, one national flag, one snare drum, two flares, one bugle, one first rowboat, one tent 25 feet by 10 feet, one large box for camp equipment, baseball equipment amounting to \$13.50, one small range for camp, and various cooking utensils.

ALLIES GAIN MORE GROUND AT YPRES

BRITISH AND FRENCH IN NEW ATTACK, FORCE TEUTONS FURTHER BACK.

RUSS FLEET MAKES ESCAPE

Apparently Bottled Up in Moon Sound Last Week, By German Fleet, Slava Outgoss Opponents.

London—The British and French forces in Belgium have delivered another attack against the German front northeast of Ypres and have captured all their objectives, consisting of many strong positions.

The offensive was launched southeast of Poperinghe and northward along the southern border of the Houbaert forest. The fighting front covered a distance of about a mile and a half, with the French operation on the northern and the British on the southern end.

The Russian gulf of Riga fleet, which last week apparently was bottled up in Moon Sound by the German naval forces, has made its way out of the sound, and is now guarding the northern entrance to the sound off Worms Island.

The Russian vessels made their escape without further losses than the battleship Slava, which was sunk in a naval engagement and two other vessels, presumably transports which went ashore.

From its new position the fleet is so situated that it may make a dash for the gulf of Finland around the western Estonian coast or, if menaced by attack from the greatly superior German units, take refuge again in the waters of Moon Sound and play hide and seek with the enemy.

Meanwhile the Germans have landed forces on the Estonian coast, pressed back the Russian right wing slightly and occupied the western portion of the Werder peninsula.

COAL MINERS GO BACK TO WORK

Strikes in Illinois, Indiana and Ohio Are Settled.

Washington—Fuel Administrator Garfield announced Monday that all coal miners resumed work in Indiana, practically all in Ohio and all miners are resuming in Illinois. He said reports from all sections indicate a gratifying tendency downward in the coal crisis.

Dr. Garfield issued this statement on retail prices:

"Reports just received from state fuel administrators indicate in many sections a gratifying tendency downward in retail prices.

"In Harrisburg, Pa., and Philadelphia, retail coal prices have been reduced.

"In New York city prices recently have been reduced by larger dealers from 10 to 40 cents a ton on various grades, and other dealers are meeting these new prices.

"In Wilmington, Del., prices have changed somewhat lower.

"In Birmingham, Huntsville, Selma, Talladega and Sheffield, Ala., prices have been reduced from 25 cents to \$1.25 per ton."

ANTILLES SURVIVORS LAND

Reach French Port Safely—Families of Lost Each Receive \$6,000.

Washington—Survivors of the United States transport Antilles, sunk by a German submarine October 17, have arrived at the French port, according to late reports received here. Seventy men perished when the transport went down.

The treasury department announces that all hands in the military and naval service who perished with the loss of the transport, come within the scope of the new war insurance law, and thereby automatically carried insurance to the amount of \$6,000 each.

ROBERT FITZSIMMONS IS DEAD

"Fighting Bob" Former Ring Champion, Succumbs to Pneumonia.

Chicago—Robert Fitzsimmons, former champion heavyweight pugilist of the world, died at a hospital here Monday after an illness of five days of pneumonia.

The former champion was taken sick last Tuesday while appearing in a vaudeville theatre, and his ailment was at first diagnosed as "stomach poisoning."

"Fighting Bob" was 55 years old.

Cost of Binder Twine to Be Cut.

Jackson—The federal food administration has named Acting Warden Fenderson of the Michigan state prison to serve on a commission to regulate the production and price of binder twine.

A possible outcome of the work of the commission through price regulations may be the saving of some \$500,000 in the purchase of binder twine, or 10 per cent of the \$50,000,000 used annually by the American farmer.

Jailed for Mailing Obscene Matter.

Grand Rapids—A year and a day in the federal prison at Leavenworth, Kan., was the sentence imposed on Dr. Albert E. Cunningham of Toila by Judge Sessions. Dr. Cunningham pleaded guilty to having sent obscene matter through the mails.

Sammy to Get Xmas Boxes.

West Branch—The Ogemaw county Red Cross society will send Christmas boxes to American soldiers in France November 17.

Home Guard



ELEVEN SHIPS SUNK BY GERMAN RAIDERS

TAKE HEAVY TOLL IN RAID IN NORTH SEA.

TEUTONS EVADE BRITISH WATCH

Nine Merchantmen and Two British Destroyers Are Prey—No Aid Given Drowning Survivors.

London—Two British destroyers and nine unarmed merchantmen were the toll which two extraordinarily swift and heavily armed German commerce raiders took in a North sea battle last week, according to an announcement made by the British admiralty.

The traditions of the British navy were fully sustained by the two British destroyers of the sea—the Mary Rose and the Strongbow. Outraged by the raiders' guns, outspeeded, they went into battle and fought to a finish with their formidable antagonists—two German commerce raiders. Eighty-eight officers and men perished on the Mary Rose and 47 on the Strongbow.

The two German raiding ships slipped out of their harbor in the dark. They sped north, scouring the seas for merchantmen bringing supplies to England. Somewhere between the Norwegian coast and the northern boundary of the North sea they came suddenly on a fleet of Norwegian and Swedish merchantmen, conveyed by the two British destroyers.

No effort made to save survivors.

The battle was furious, but unequal from the start. The attack of the British ships, however, enabled three of the neutral merchantmen to escape. When the British destroyers were sunk, the Germans promptly proceeded to their assault on the unprotected and unarmed merchantmen. Five Norwegian and three Swedish ships were sunk at once, without examination of their papers, without warning, and without any regard for the lives of passengers and crews aboard them.

Then the two marauders, turning tail and fled. Not an effort was made to rescue survivors who struggled in the water.

Two British vessels attracted by the sound of the gunfire, later picked up 30 Norwegians and others. A Christiania dispatch added that the admiral commandant of the Swedish navy had reported the rescue of 37 persons from Norwegian and Swedish ships, presumably survivors of the same German sea victims.

\$100,000,000 BASE IN FRANCE

U. S. Will Build Giant Depot to Supply Troops at Front.

Washington—Work of building an immense ordnance depot and arsenal base in France for the American army will start soon. A contract for its construction has been awarded.

The great supply depot will be near the seaport "somewhere in France," on a spot which has been turned over to the American forces for their exclusive use.

Total cost of the enterprise will be about \$100,000,000. It is expected. Machinery for the arsenal is already being delivered. The cost of this equipment alone is \$6,000,000.

More than 1,000 miles of standard gauge railway will be built from the base to the sector of front occupied by General Pershing's army.

Engineering organizations, recruited largely from the staff of the Pennsylvania railroad, already are in France, preparing for construction work. Payment for the work will be on the basis of cost plus 10 per cent.

Eighty Head of Cattle Burned.

Rochester—Fire of probably incendiary origin destroyed the three big barns on the Parke Davis Co. biological farms here at a loss which will run from \$50,000 to \$75,000. Eighty head of valuable stock used for experimental purposes were cremated, and all the other contents of the structures were destroyed. Although the value of the entire plant, which covers two miles, is estimated at \$1,000,000, the other structures were not damaged.

Food Production Course at M. A. C.

East Lansing—Instruction for farm boys, intended to better enable them next season to cope with the problems of food production under war conditions is being embodied in the 16-weeks course at Michigan Agricultural College.

Drops Dead While Sawing Wood.

Monroe—Charles La Duke, about 65 years old, an employee on the Peleier farm, a mile south of this city, fell dead while sawing wood.

T. R. Has Had the Sight of But One Eye Since He Left White House

Stanford, Conn.—Col. Roosevelt disclosed a few days ago that since he retired from the White House he has not had the sight of his left eye.

This was the result of a blow received in a friendly boxing match in the White House gymnasium.

"I don't think many persons know this," he said, "but the fact is I was having a lovely bout one day with a husky young captain of artillery when he crossed me with a hard right swing and landed on my left eye."

"The punch broke some of the blood vessel of the eye and I haven't seen from it since."

BANK ROBBERS GET \$31,000

Auto Bandits Make Big Haul in Two West Michigan Towns.

Grand Rapids—Bank robbers in a daring automobile raid Saturday, cleared up \$31,000 in two neighboring western Michigan towns, Alto and Middleville.

The safe of the Farmers' State bank of Alto was blown open at 1:45 p. m. and, according to bank officials, \$10,000 was taken. All telephone wires at 3:30 a. m. the Farmers' State bank at Middleville was robbed, cash to the amount of \$20,000 being secured by the robbers.

Indications are that the two banks were robbed by the same gang. Alto and Middleville are about 10 miles apart by automobile road.

Three robbers drove into Middleville at 3:30 and after robbing the Farmers' State bank of a number of banknotes, blew the safe in the Farmers' State bank and escaped with \$20,000 in cash, leaving \$5,000 in a bag on the floor of the bank building.

Five explosions were heard by the villagers but no one went to the scene until after the bandits had fled. The job was apparently done by the same gang that recently robbed the bank at Elkhart, according to Sheriff Cornelius Mann, of Barry county.

The men drilled a hole in the safe with an electrically driven drill and blew the safe, a modern, strong built vault, to pieces.

COUNTRY FACES SUGAR FAMINE

Hoover Warns That Shortage Makes Saving Imperative.

Chicago—Formal warnings are issued here Saturday on instructions from the office of Herbert C. Hoover, food administrator, that a sugar famine is upon the country and that the moment of America's first self-denial in the matter of food has arrived.

The warning states that manufacturers using sugar in their products are closing down and that thousands of persons are threatened with temporary loss of employment. Individuals as well as dealers are called upon to do with the absolute minimum of the product. It was announced that as the Atlantic states have the greater security that best sugar from the west will be rushed first to that section.

WAR TAX BOOSTS TRAVEL COST

After November 1, All Transportation Rates Will Be Raised.

Lansing—After November 1 the cost of railroad, steamship and interurban travel, and express and freight rates will be increased to help Uncle Sam pay the \$40,000,000 a day it costs to prosecute the war.

Every interurban, steamship or railroad ticket costing 35 cents or more will be subject to a war tax of 8 per cent.

Women to Guard Custer Morals

Traverse City—The State Federation of Women's Clubs will do all possible to better conditions at Camp Custer, Mrs. Burritt Hamilton, vice-president-at-large, outlined work to be carried out there. Women's clubs, fraternal organizations, churches and private citizens will help remove all contaminating influences along two lines—enforcement of the law and to make good conduct attractive. Citizens will sign pledges to entertain soldiers in their homes.

Cass County Gets Farm Expert.

Downing—Cass county is the thirty-third county in the state to adopt the county agricultural system. After rejecting the plan, the board of supervisors voted a salary of \$1,800 for a farm expert. The state will pay \$1,200 a year expense money for the agent.

Manistee Lists All Alien Enemies.

Manistee—The department of justice has asked the local exemption board to obtain the name of every alien enemy in Manistee county.

WILL RAISE NEXT ARMY BY CLASSES

WAR DEPARTMENT ANNOUNCES CHANGE IN METHOD OF DRAFTING MEN.

BACHELORS AND IDLERS GO FIRST

War Workers and Men With Families, or Other Dependents, Will Be Last to Go, Under New Ruling.

Washington—A new method of raising future draft armies has been announced by the war department. It involves many and important changes in the original system. As explained at the office of the provost marshal general, the plan is designed to put the right man into the right place at the right time.

It means the examination of every registered man who has not already been sent to camp, including those who were exempted from the first draft. In practical operation, it will probably mean a general exemption during the next draft of nearly all married men or men who have dependents of any kind.

After an official statement signed by Maj. Gen. E. H. Crowder, provost marshal general, had been issued, there was a further explanation of the new plan by one of his aides, giving an idea of how it will be put into operation.

Divided Into Five Classes.

The registered men will be divided into five classes.

In class one they will place all men who can most easily be spared for military duty. This will include men with no persons dependent upon them. Men with wives and families who are not dependent will not be exempted, although it is expected that many married men, generally speaking, will not go into class one. Men who are not skilled workers in any particular occupation or who are not skilled workers in any particular occupation, or who are engaged in an occupation not necessary to the prosecution of the war, will go into class one.

In class two, the local board will place the men who are slightly less preferable for military duty, such as men with partial dependents and those who are skilled in certain needed occupations.

In class three, will be placed the men who are highly skilled operatives or who have persons utterly dependent upon them, such as aged parents or small children.

In class four will go the men who are the last to be taken for military purposes, those who may have large families who would be left destitute if the breadwinner should be taken away or who are absolutely essential factors in war work.

In class five will be grouped men who will never be called for military service, such as cripples, mental or moral defectives, criminals and the like, or persons whose physical unfitness is manifest, even without examination. This is the discard class. No man who is placed in it will ever get into the army.

Class One Summoned First.

When these five classes are established by the local boards, all over the country, the war department will be ready to proceed with the business of raising the second draft army. Men in class one will be summoned first for physical examination and no class two man will be taken in any draft district until the entire roster of class one is exhausted.

While there is no way of obtaining accurate information at this time, it is believed that few men outside of class one will be taken in the next draft of 500,000 men, which is expected to be called into service next spring.

GERMAN SUPPLIES ARE SEIZED

Immense Stores Bought By Teuton Agents Taken by U. S. Government.

New York—One million bales of cotton worth \$143,000,000 are included in the German-owned supplies stored in this country which the government will seize, according to reports.

Government seizure of immense stores of cotton, steel, copper, nickel, leather, oils, chemicals and other supplies bought by German agents before the United States entered the war, was reported here Monday as having already started.

The supplies seized are valued at approximately \$25,000,000. American brokers are holding supplies valued at hundreds of millions of dollars, in the names of German agents.

The seizures are being made, it is reported, under the Trading with the Enemy act. This law gives the government the right to take over all German property just as German ships were taken and settled for it after the war.

Drinks Overcrowd Jackson Jail.

Jackson—The board of supervisors have voted to enter into a contract with Hillsdale for the housing in the jail in that county the overflow of drunks from the Jackson county jail. Since the establishment of the cantonment at Battle Creek this city has been over run with workmen from the camp who came to this city to obtain supplies of liquor. As a result the local jail often has been overfilled and cots had to be placed in corridors to provide for the overflow.

Michigan Troops Being "Gassed."

Under the direction of war experts, training of the Michigan soldiers at Camp McArthur, Waco, Texas, is advancing rapidly.

Among the poison gases that they will be called upon to face in the beginning of the course is the death-dealing "laughing gas." Victims of this gas are thrown into spasms of laughter before succumbing to it. Other gases that will be used on the Waco verities are fosline, chlorine and prussic.

Selected Men On Way South.

Selected men of the Eighty-fifth division at Camp Custer, began moving south Monday to aid in fighting war strength divisions at Camp Pike, Little Rock, Ark. and the Michigan Wisconsin division, at Waco, Texas. The movement will continue until 6,000 have gone.

According to word received from Waco, Texas, the men on their arrival, will be distributed among companies from their home cities as nearly as possible and will be regarded as volunteers.

Roads to Camp to Be Improved.

Following a mass meeting of Battle Creek citizens, prompted partially by a report that Kalamazoo was prepared to spend \$1,000,000 on roads and street car lines to get a share of Camp Custer business, 200 Battle Creek business men waging a promise from the Calhoun county board of supervisors to Marshall to give immediate attention to improving the highways.

Plans were laid for the building of two highways to the camp. The cost will be more than \$100,000.

Drafted Benedict Gets Rehearing.

Manistee—On application of County Clerk J. N. Forshar, the provost marshal's office has ordered five cases of Schoolcraft county men, registered by the district board, "free men" who are married, had been denied exemption.

Tonsorial Artists Boost Prices.

Iron Mountain—Haircuts now cost 40 cents and shaves 30 cents here, the barbers having raised their prices to meet the high cost of living.

MICHIGAN Y.M.C.A. PLEDGES BIG FUND

WILL RAISE \$1,375,500 FOR WORK AMONG SOLDIERS HERE AND ABROAD.

CUSTER BOYS BEING INSURED

New Form of Compensation Does Away With Old Pension System—Troops On Way South.

Lansing.

Fourteen hundred delegates to a Michigan conference of Y. M. C. A. workers, held at Battle Creek, inspired by the tremendous appeal of an address by Dr. John R. Mott, of President Wilson's Russian commission, pledged themselves to raise \$1,375,500 as Michigan's share of \$35,000,000 for international "Y" work.

This is \$126,500 above the quota Michigan had been asked to furnish, yet the pledges represented only eight districts in the state, and there are still some to be heard from.

Dr. Mott, in the course of his address, read a cablegram received from Ambassador Francis at Petrograd, that the Russian government has just granted permission for Y. M. C. A. work on every front, requiring 300 secretaries and \$2,000,000.

Another message was read from General Scott, late chief of staff, saying, "I hope you will push the plan. I am convinced that the Y. M. C. A. should be immediately organized to raise the morale of Russian soldiers."

Dr. Mott also stated that where France wanted 100 American Y. M. C. A. A. she has now asked for 1,000, and General Pershing has urged that they be provided, while Italy, ecclesiastical, civil and military authorities combined, has asked for 200 workers.

The American government has lately decided to place Y. M. C. A. workers on every transport and on every hospital ship. The \$35,000,000 about to be raised for international Y. M. C. A. work will last until July 1, 1918. Dr. Mott explained, and before that time the Y will have 15,000,000 soldiers, including 2,500,000 Americans and 6,000,000 prisoners to look after.

Custer Boys Being Insured.

With the return of Lieutenant H. H. Pound, to Camp Custer, from Washington, where he had been sent to militarize himself with the plans of the plan of the war risk insurance law, and his appointment as division insurance officer, work has started in placing in operation in the eighty-fifth division, the act of congress, providing for the protection of soldiers and their families when the former are injured in service.

There are six sections to the law: 1. Compulsory allotment of pay of enlisted men; 2. Voluntary allotment of pay of enlisted men with relatives wholly or partly dependent; 3. Compulsory deposit of a part of pay; 4. Compulsory deposit of part of pay of enlisted men, if no other allotment has been made; 5. Compensation for death or partial or total disability; 6. Voluntary insurance.

In all its details the consideration of the soldier and his family are paramount. An insurance policy up to \$10,000 may be taken, payable in 240 monthly installments, and with the premium rates based on the American experience table of mortality and three and one-half per cent interest.

Every soldier who has not assigned too much of his pay to dependents will be asked to take some of this insurance, which will be paid for death and total permanent disability. The compensation clause does away with the old pension system and provides for payment of funeral expenses and the care of the totally disabled. If not totally incapacitated, the men will be sent to a selected school, where they will be taught a means of livelihood they are best adapted to follow.

Compulsory or voluntary allotment of pay by men with dependents will follow previous procedure, while in case a man has no one dependent on him or takes no insurance he will be required to deposit at least one-half his pay with the government.

One of the pathetic sights in camp is the old Civil war veterans who come and gaze with longing eyes on the young fellows as they drill. They would all be there if they could.

Signs of a previous war at Camp Custer were picked up when Capt. Guy Nash, adjutant of the 330th artillery, found a nicely made flint arrow head in front of his quarters.

A million pounds of hay—one-third of the stock on hand—was destroyed by fire at Camp Custer. Major Robinson, who discovered the fire, said that it seemed to put up suddenly from the middle of the 3,000-pound hay pile at the remount station. One of two explanations was offered—spontaneous combustion or incendiarism.

Four thousand three hundred dollars of the profit made by the post exchange at Fort Sheridan has been turned over to the graduates of that training school to divide among the company funds of Camp Custer.

Military police have been stationed at all the railway depots in Battle Creek. Their duty is to see that all soldiers about to board trains and ask to see their passes. If a man has forgotten his pass he can't take the train. By the same token a man who is attempting to absent himself without leave is detected and halted.

CAMP CUSTER NOTES

Wig-wag signalling has been made a part of the physical drill by order of the division commander.

A Detroit selected man, of foreign birth, walked up to his captain with: "I give you week's notice. I no like de job."

Officers of the division who visit Detroit over Sunday have petitioned the Michigan Central railway to stop at Camp Custer on the return trip.

Numerous suits of blue overalls, being worn by selected men suggest the belief that the old color of the Civil and Spanish-American wars have been revived.

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Capt. Verne Amberson, who will be remembered as state senator from Blissfield, Lenawee county, has been given command of one of the companies in the Negro regiment which will be formed at Camp Custer.

There can be no doubt the Y. M. C. A., with its seven tents, is the greatest social asset in the life of selected men at Camp Custer. There they may seek warmth when their quarters are cold, they are supplied with books and magazines, letter paper and envelopes, free fiving picture shows and lectures of general interest.

Health at Camp Custer Good.

In spite of disagreeable weather and lack of heating facilities in many barracks, Camp Custer stands first in health of inmates, according to a comparison of figures given out by other camps.

In large measure this results from preventive rather than curative methods. Long before any soldiers arrived, before many workmen had come, and when the contour of most of the farms was still undisturbed, medical men were on the job, cleaning out breeding places of flies and other insects. The men responsible for this are Major Wood, Captain Thomas B. Henry and Lieutenant Samuel Datteliger.

All this pioneer work is having its effect today. While there are many colds among the men, few of them are serious. There are a number of other minor ailments which are being cared for in the regimental infirmaries. A few of these men are confined to their quarters, but most of them are drilling daily. There are less than 100 cases in the base hospital, which is a remarkable showing per capita of the total of 25,000 soldiers and workmen.

Camoouflage Hides Custer Guns.

Camp Custer men have already become experts in the famous art of camoouflage.

Field artillery batteries have been concealed in the fields close to division headquarters so cleverly that they are not noticed by scores of camp visitors.

Strangers in camp wander close to a network of trenches, emplacements, gun pits, sleeping quarters and bomb-proof shelters, without ever discovering them. There are now some excellent examples of the best kind of camoouflage.

Nearly is a pretty little copse, which really is a "manufactured" thicket to conceal a regular wartime shelter for three and six-inch guns. A whole battery has been concealed from imaginary aeroplanes.

From this are narrow underground passages to the sleeping quarters of the men, ammunition and storerooms, and other departments. These underground rooms all have two or three separate entrances, some accessible distance away. All of this work has been

Have you seen the new—

UNBREAKABLE
VACUUM BOTTLE?

The Ferrostat

in one and two quart sizes

They are the best ever offered the
public and positively guaranteed
against breakage. Ask to see them.

Central Drug Store

Grayling, Michigan

Crawford Avalanche

O. P. Schumann, Editor and Proprietor.

SUBSCRIPTION RATES

One Year	\$1.50
Six Months	.75
Three Months	.40

Entered as second-class matter at the Postoffice at Grayling, Mich., under the Act of Congress of March 3, 1879.

GRAYLING, THURSDAY, OCT. 25



Back the Army.

"The time has come to conquer or submit."

"For us there is but one choice. We have made it."—President Wilson.

Buy a Bond of the 2nd Liberty Loan and help win the war. A Liberty Bond is a United States government bond.

Frederic School Notes.

The Intermediate grades are sorry to have lost three of its pupils, Lorena Rincand, who has returned to her home in Atlanta, Hiram Cram who is soon to move to the Upper Peninsula, and Floyd Turner.

The Primary and Intermediate grades are to join in giving a Halloween program at the school house, Wednesday afternoon. Parents and friends are very cordially invited to attend.

The sixth and seventh geography class are busy making maps of the U. S. showing products.

Marie Brown was absent from school Monday.

Several pupils attended the Teacher's institute Friday.

The physical geography class is learning to make weather forecasts.

The physics class are experimenting with the air pump.

LIVESTOCK SPECIAL
COMING SATURDAYMOVING PICTURES WILL SHOW
BEST BUSINESS METHODS.Demonstration Train Will Visit
Here Oct. 27. Carries "Movies"
to Show Up-to-date Farm
Practices.

Lessons in up-to-date methods for handling livestock and poultry and for teaching handicraft to boys and girls will be given by means of moving pictures in one of the cars attached to the special demonstration train, which the Michigan Agricultural college is sending to northeastern Michigan, and which will stop in Grayling on Oct. 27 from 9 a. m. until 12 o'clock noon. The train, it should be explained, will carry its own movie theatre.

The motion picture part of the train program will consist of a reel on livestock in general, another on sheep, one on the treatment and handling of soils, and a fourth on the teaching of handicraft and manual training arts to boys and girls.

One car of the special will be rigged up for theatre purposes, and when it comes to a halt at the station it will be hooked up with the nearest electric wires. The juice will be turned on, and the movie man will do the rest.

It will, however, be a strictly instructive program, meant only to teach lessons of value to those who care to learn. There won't be any singing and dancing between acts.

It may be added that the use of agricultural movies aboard the train is the first time that such a thing has been attempted in Michigan.

Other parts of the program will be participated in not only by representatives of the college, but by representatives of the Northern Development bureau, the Michigan Central railroad, and the Detroit & Mackinac as well, since all are cooperating in the work of arranging for and sending the special into the district.

Mercy Hospital Held Graduation Exercises.

The sisters and nurses of Mercy hospital of this city were the guests of Mrs. A. Balhoff at a five o'clock dinner given in the nurses' dining room of the hospital last Sunday evening, October 21st. The occasion being in honor of the graduation of the Misses Blanche Blondin and Helen Rivard from the Mercy hospital training school for nurses.

The dining room was very beautifully decorated with the class colors—blue and gold, and a large bouquet of the choicest cut flowers centered the banquet table. Immediately after the sumptuous dinner a short but very entertaining program was given. Miss Lila Cassidy gave the class address, Miss Lois Lavyie the class history, Miss Agnes Hines the class prophecy and Miss Blondin the class will and testament. Father Riess addressed the graduates and reminded them to be ever loyal and true to the teachings of their Alma Mater and to their class motto: "Not for ourselves alone"—but always relieving the sufferings and ills of humanity. This is the third class to be graduated from Mercy hospital training school since the establishing of Mercy hospital in our city. Every graduate has passed the State examination with good credits and the Misses Blondin and Rivard will prove no exceptions when taking their state exams in the near future.

They have just returned from a three months' course in children's diseases at the Children's Free hospital, Detroit and the sisters of the hospital have received the highest compliments from the Detroit institution on the excellent and up-to-date training of the nurses from there. We all feel proud of this distinction for it puts our hospital in the front ranks with the best institutions of the large cities of the country.

The many friends of the Misses Blondin and Rivard congratulate them on reaching their goal and trust that success will always crown their work.

Grayling High School Defeated.

The Grayling high school football team played its first game of the season and was defeated by the Traverse City high school squad, 52 to 0 on the latter's field.

The Traverse City squad outweighted Grayling 15 pounds to the man and scored their first touchdown after a few minutes of play, using straight foot ball, hammering continually at the light and green Grayling line.

The second half started with Case out of the game due to injuries received early in the first quarter. It was on the kick-off of this half that Right guard Emerson Bates received a broken leg. He was blocking when hit by three Traverse City men. Gildner replaced Bates at guard.

Every member on the Grayling line played well, considering the fact that out of two of the linemen had ever played in a game before. Phelps, Roesser and Meistrup forced the ball to Traverse City's 20 yard line on two occasions. A drop kick by Meistrup was blocked.

In the final quarter Phelps placed the ball on the Traverse City 20 yard line after again off tackle. Meistrup carried the ball over for Grayling's lone tally. Thompson and Gierke played a great defensive game.

Summary: Grayling lined up as follows: L. E. Gierke; L. T. Thompson; L. G. Peterson; Center, Pappendick; R. G. Davidson; Bates; R. T. Jorgenson; R. E. Chamberlin; O. B. Meistrup; L. H. Roesser; R. H. Case; F. B. Phelps. Substitutions: Bates for Davidson; Gildner for Chamberlin; Chamberlin for Case; Davidson for Bates. Touchdowns: Meistrup. Time of quarters: 15 minutes.

Ladies' Attention.

The Ladies Aid society of the M. E. church will hold a bazaar and sale of useful articles some time next month.

The following ladies have been appointed chairmen: Rugs, Mrs. Oscar Hanson; parcel post and Postoffice, Mrs. Oscar Schumann; fruit and jellies, Mrs. Philip Zaisman; soliciting, Mrs. Knight; comforters, Mrs. A. Heron; bags, Mrs. T. Hanson; aprons, Mrs. L. Kraus; flowers, Mrs. S. S. Phelps; candy, Mrs. Wingard.

The ladies will have a complete line of knitting and fancy bags and all styles of aprons. Wait until the bazaar for that knitting bag!

TORTURE IN TRIALS.

This Barbarous System Was Used In Europe For Centuries.

The use of torture in order to elicit information from persons accused of crime, barbarous as it is, was little practiced before medieval times. Under Greek and Roman law torture was not allowed upon slaves, though in the latter days of the empire it was employed against free citizens if they had been accused of treason to the emperor.

It seems to have become part of the law in Europe about the thirteenth century. From the fourteenth century downward torture was a part of the legal system of most European countries. The Italian municipalities used it to a very large extent. In Germany diabolical apparatus existed for the infliction in the dungeons of the feudal castles and in the town halls of the cities.

It was used in the prisons of Germany when the philanthropist Howard visited them in 1770. In France it was part of the law until abolished by the revolution, and in Scotland it was used until the reign of Queen Anne. The use of torture seems never to have been wholly sanctioned by the law of England, although it was used frequently by order of the king in the Tudor period. The royal council claimed the power of directing torture warrants against state prisoners in the tower, and under James I. and Charles I. torture was resorted to in state trials.—Chicago Herald.

Correspondence.

Coy News.

Miss Mary Olson of Deward spent a few days with Miss Carrie McGillis.

Oliver B. Scott left Monday for Grayling where he attended the meeting of the board of supervisors.

Miss Beatrice Richardson visited at the home of uncle F. H. Richardson over Sunday.

Miss Nancy McGillis who has been working in Roscommon was home over Sunday.

Miss Marguerite Scott was spending Saturday evening with Miss Gertrude McGillis and on her return home at 10:30 about forty of her friends had gathered there for a surprise party to her, it being her 17th birthday. The evening was spent in music and dancing and about midnight a lunch and hot coffee was served, and about three o'clock everyone returned to their homes, saying they had spent an enjoyable evening.

Mrs. Albert Charron of Frederic is spending a few days with her mother Mrs. S. McGillis.

School is closed in the Royce district on account of one of Chester Lelene's little girls having the scarlet fever. The family is now quarantined.

Mrs. O. B. Scott and Miss Carrie McGillis were in Grayling on business and attended the Teacher's institute while there.

School Commissioner Kalahar and wife visited the school in District No. 2 last week.

Anyone wishing to do Red Cross knitting, can get yarn and needles of Mrs. O. B. Scott.

Eldorado Nuggets.

Mr. and Mrs. Mansel Cone returned last week from Howell, where they have been for the past two or three months.

Mrs. George Hartman and daughter Gertrude left Wednesday for a visit with friends at West Branch and other points.

The new picture projecting machine purchased by the Literary club fulfills all expectations. Come and see the pictures Saturday evening Nov. 3.

The latest purchaser of a Ford auto in this neighborhood is Julius Krenzer.

A box social and dance will be held at the Eldorado school house Friday evening, Oct. 26 for the purpose of buying a few new extras for the school.

Miss Lorraine Bridges attended the Teacher's institute at Grayling last week.

Highway Commissioner Williams is at work this week opening the town line road near the Bresnahan farm.

Mrs. Bessie Richardson is visiting her aunt, Mrs. James Williams.

Do Your Bit.

Do you know anything about the big "food drive" scheduled for next week?

So that every reader of the Avalanche may know, we are giving you on the third page of this issue a special article prepared by the Michigan food board explaining the object of the campaign.

Don't leave it to "the other fellow" to do it all. Do your bit. Small sacrifices now may save all of us from making great sacrifices later.

A Statue That Never Was Built.

Mount Athos, in Turkey, was the spot contemplated by a sculptor for the most imposing monument that man had ever had. The sculptor Diogenes offered to cut the huge mountain mass into the form of a statue of Alexander which should hold a city in the left hand and in the right a basin to relieve all the waters that flowed from the mountain.

Alexander was much taken by the plan, but rejected it for the practical reason that there was not food enough in the district to feed the inhabitants of the proposed town. So the canal cut by Xerxes to enable the ships to escape sailing round the mountain remained the greatest enterprise ever achieved there.

Equity and Economy.

Two men, strangers to each other, were seated together on the outside of a tramcar, and both filled their pipes simultaneously. One, however, struck his match first, and the other requested that he might share the light. Having done so, he took from his pocket a box of matches and handed one to his obliging neighbor. "It is foolish," he said, "to strike two when one will do, but I can't very well expect you to provide that one when I have some also. Let me pay!" A mind of nice balance in equity as well as economy!—London Chronicle.

Vain Quests.

A little girl who was trying to tell a friend how absentminded her grandpa was said, "He walks around, thinking about nothing, and when he remembers it he then forgets that what he thought of was something entirely different from what he wanted to remember."—Christian Register.

Caught Both Ways.

Mrs. Exc—My servant girl has left me. She said I had so much company there was too much work to do. Mrs. Wye—That's singular. Mine has left me too. She said I had so little company it showed I had no social position.—Boston Transcript.

Not Yet.

Mrs. Bacon—Don't you think I'm entitled to a pension, John? Mr. Bacon—Why, no. A pension is something you get after you are through fighting.—Yonkers Statesman.

One reason we are not successful in that we sidestep. Opportunity and shake hands with Temptation.

FRANKLYN FARNUM'S SMILE

Franklyn Farnum has won by a smile. Screen smiles seem to be the fashion. All the one-time matinee heroes who have deserted what Carter De Haven calls the "Talkies," for the "Movies," are sitting-up nights trying to cultivate a winning and expressive expansion of the lips. But it can't be done. You may cultivate your muscles—y o u may cultivate your hair until it curls like Mary Pickford's—you may even induce a soulful look to linger in your eye—but unless your smile is really one of those magnetic affairs in every day life, you won't succeed in cultivating it for the screen. Screen smiles—the magnetic kind—are born, not made.



Franklyn Farnum.

How much more to be desired than fine gold, then, is the inborn magnetic smile, and how fortunate the possessor of one! Such a bit of property is the main asset of Franklyn Farnum, the youngest brother of the celebrated Farnum family, who has become a screen favorite in the course of a few short months. All the brothers have that indefinable quality which we call "personality," for want of a better name; but Franklyn has the picture maker's most envied attribute—the magnetic smile—as well. And he has always had it. When he was in the "legitimate" there was not a more popular chap on the whole American stage. Every stage-hand, collector, door-keeper on the entire route over which he traveled, felt the better for seeing him, and catching the reflection of his winning smile. When he was "in stock" in St. Louis, he could attract a crowd by just standing on the corner of a busy street. His latest picture is "The Clock" which was booked for a first run at the Rialto theater, on Broadway, New York.

Jack Mulhall has the role of a lightweight champion who goes to Paris to seek his fortune in the ring, in the Red Feather, called "Mr. Dolan of New York."

Dorothy Phillips, the little Bluebird star, and she puts her theories into practice. The illustration shows her ready for a little bit of business, gowned in a tailor suit, with a close-fitting little hat and veil and a cane under her arm.

DOROTHY LIKES WALKING

"Walk and grow thin," is the recipe of Dorothy Phillips, the little Bluebird star, and she puts her theories into practice. The illustration shows her ready for a little bit of business, gowned in a tailor suit, with a close-fitting little hat and veil and a cane under her arm.

It is quite a usual sight, nowadays, to see canes in the hands of the fair sex," says Miss Phillips, "and I am very glad it is no longer a conspicuous thing to do, to carry one, as I have always liked to do so. Mine is a little ebony affair, with a silver tip, and a braided cord fastened on, so that I may slip it over my wrist if I choose. There are all varieties to be found in the shops, this spring, and some of the most attractive are modeled on those which the English Tommy has always carried, when in uniform. They are smart little sticks of bamboo, with a silver cap, and are short and slim, and no help at all to the real pedestrian. I like a real cane, that is some use, if my walk leads me off the beaten track.

This season of the year, before it grows too hot and dusty, is ideal for my favorite exercise. A long walk every few days keeps me in splendid condition, and I may eat what I like, without fear of growing too stout for the pitiless screen. My last picture, "The Flashlight Girl," was made in the woods, and there I could indulge my fancy while other scenes were being filmed. Mr. Stowell and I enjoyed some splendid rambles.

"Walking clothes should be light, comfortable, and dust proof, and the skirt should be to find something in which one looks as neat at the end of the expedition as at the beginning."

TORN GOWN DELAYS PICTURE.

Edith Roberts, the little leading lady of the Universal Nestor company, in which Eddie Lyons and Lee Moran are starred, held up the production of a comedy the other day for over half an hour, much to her own dismay. She had run up onto the visitors' observation platform to greet an acquaintance and on her way back to the Nestor set, she fell and tore her gown. Director Chaudet had to wait while the damage was repaired so that she might continue the scenes in which she had worn it.

The Selective army law has made serious inroads on our clerical force. Unless the public will take into consideration the shortage of equipment and of labor that the railway mail service will be confronted with during the holiday period, serious congestion and consequent delays to Christmas cards will result, to say nothing of the disappointments to both senders and receivers of belated packages.—Buy early and send your mail early.

Sour Stomach.

Eat slowly, masticate your food thoroughly, abstain from meat for a few days and in most cases the sour stomach will disappear. If it does not, take one of Chamberlain's Tablets immediately after supper. Red meats are most likely to cause sour stomach and you may find it best to cut them out adv.

Liberty Bonds will help support your army and also protect you

Warm
Wearing
ApparelFor
Winter
Wear

This is a season when warm, comfortable wearing apparel is going to be a necessity. When the winter blasts appear, the body must be kept comfortable. Carelessness in this regard is the breeder of colds, pneumonia and other illness.

BESIDES IT IS CHEAPER TO KEEP
WELL THAN TO BECOME ILL.Mackinaws and Pants
The Well-Known Soo Line.

Heavy Wool Socks

Your feet will be comfortable in a pair of our warm, wool socks. We have lighter weight socks and stockings for any and all occasions.

SALLING, HANSON CO.

The Pioneer Store

WANTS

Advertisements will be accepted under this heading at the rate of 5 cents per line. No ad. taken for less than 15 cents. There are about six words to the line. SEND MONEY WITH THE ORDER.

FOR SALE—An All-Win collapsible baby buggy, with storm shield. Mrs. DeVere Burgess, Phone 332.

WORK WANTED—Wood-piling and general work. W. M. Coles, Grayling.

BORROWED—Who ever borrowed my pipe wrench, please return it and bring, Julius Nelson.

FOR SALE—E. M. N. W. N. W. and S. W. Sec. 3, T. 27, Range 3, Crawford County, Michigan. Make me an offer. T. R. Martin, Emma'sburg, Iowa. 10-25-3

WANTED—A good girl for general housework in a small family. No children, good home, good pay for the right party. Must be prepared to leave Grayling to go to a town of 10,000 population. Transportation paid to destination. For particulars call on Mrs. A. Kraus, or address W. D. Clatter, 423 South Fifth St., Goshen, Ind. 10-18-31.

STRAY HORSE—came to my place Thursday night, October 11. Has white right hind foot; star in forehead; white spot each side of back; had canvas halter; short tail. S. Johnson, Frederic. 10-18-3

FOR SALE—Four-room cottage, furnished complete, and two lots at Portage Lake; also 25-foot truck launch with 7 horse power Trunk engine, speed 12 miles per hour, capacity 20 passengers, canopy top and all complete. Inquire of Len Cohen.

FOR SALE—House and lot on McClellan St. Nine rooms, sewer, sidewalk and furnace. A bargain at \$1,000 cash. Address J. Overton, R. F. D. No. 1, Flint, Mich. 10-18-3

NICE CLEAN cotton wiping rags wanted at the Avalanche office. Will pay 5 cents per pound.

Chamberlain's Cough Remedy the Most Reliable.

After many years' experience in the use of it and other cough medicines, there are many who prefer Chamberlain's to any other. Mrs. A. C. Kirstein, Greenville, Ill., writes, "Chamberlain's Cough Remedy has been used in my mother's home and mine for years, and we always found it a quick cure for colds and bronchitis troubles. We find it to be the most reliable cough medicine we have used."

Mrs. Smith Recommends Chamberlain's Tablets.

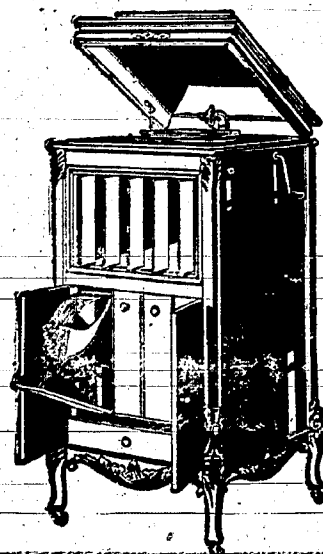
"I have had more or less stomach trouble for eight or ten years," writes Mrs. G. H. Smith, Brewster, N. Y. "When suffering from attacks of indigestion and heaviness after eating, one or two of Chamberlain's Tablets have always relieved me. I have also found them a pleasant laxative. These tablets tone up the stomach and enable it to perform its functions naturally. If you are troubled with indigestion give them a trial, get well and stay well."

Croup.

If your children are subject to croup get a bottle of Chamberlain's Cough Remedy, and when the attack comes on be careful to follow the plain printed directions. You will be surprised at the quick relief which it affords."

Columbia Grafonolas

The Instruments are Right
The Records are Right
The Sales Policy is Fair and Square
THE MAN WHO BUYS A COLUMBIA GRAFONOLA IS PERFECTLY SATISFIED

Another Record-
List that Will Mean
New Sales-Records

It's the Columbia Record list for October—and if you have good reason to feel well satisfied with the way the September Columbia list was, you'll have STILL better cause with this list!

You can't put your finger on a single record listed that doesn't show at first sight that it's going to SELL—that it's clearly and plainly what your customers want and what they are sure to BUY.

Olaf Sorenson & Sons

Grayling, Michigan



HEY say, who have come back from Over There, that at night the troubled earth between the lines is carpeted with pain. They say that Death rides whistling in every wind, and that the very mists are charged with awful torment. They say that of all things spent and squandered there young human life is held least dear. It is not the pleasantest prospect for those of us who yet can feel upon our lips the pressure of our mothers' good-by kiss. ♡ ♡ But, please God, our love of life is not so prized as love of right. In this renaissance of our country's valor, we who will edge the wedge of her assault make calm acceptance of its hazards. For us the steel-swept trench, the stiffening cold—weariness, hardship, worse. For you for whom we go, you millions safe at home—what for you? ♡ ♡ We shall need food. We shall need care. We shall need clothes for our bodies and weapons for our hands. We shall need terribly and without failure supplies and equipment in a stream that is constant and never-ending. From you who are our resource and reliance, who are the heart and hope of that humanity for which we smite and strive, must come these things. Buy your country's bonds. Buy them, today! ♡ ♡ The United States Government Bonds of the Second Liberty Loan of 1917 are investment made safe for the people. They are in the highest possible sense a security *of* the people, *by* the people, *for* the people. They can be had in denominations so low and on such terms that virtually every citizen of this nation may share in the benefits they bring and the purposes they serve. They are today the safest possible investment in the world. ♡ ♡ Buy your country's bonds. Buy them, as the mainspring of our holy endeavor. As your duty to the cradle and your fealty to the tomb, buy them. Buy them, today!

(Signed) Citizen Soldier No. 258

—th District, National Draft Army

Save Your Bottles

Bottles cost money, and you may easily save this expense by bringing yours when having prescriptions filled. This is one way for you to cut down expenses and

SAVE MONEY

Also please remember that when you have your prescriptions filled here you are positively assured of

HIGH QUALITY DRUGS and EXPERT COMPOUNDING

A. M. LEWIS

Your Druggist Phone 18

Local News

GRAYLING, THURSDAY, OCT. 25

"We must exert all our power and employ all our resources to bring the Government of the German Empire to terms and end the war."

Woodrow Wilson, President of the United States.

Alfred Hanson is driving a new Ford. John Lamotte spent the latter part of the week in Lewiston.

Liberty-loan week. Buy a bond and thus help to put a nail into the Kaiser's coffin.

Miss Mary Atherton is the new compositor in this office, commencing her duties last Thursday.

Make the work of your child easier in school by supplying him with a pair of Hathaway's glasses.

Lea Perry, a farmer of Beaver Creek leaves for Flint this week, where he expects to make his future home.

Orson Corwin has been digging his potatoes on his brother's farm, Chas. Corwin of Pere Cheney, this week.

Just received another lot of New York pattern hats. Call and see them at Mrs. Edward Sorenson's. 10-25-3

Several Beaver Creek farmers are short on some of their farm products. Here's hoping the thief may prosper in the future.

The Seniors of the high school are inviting a number of their friends to a Halloween dancing party at the gymnasium Saturday evening.

There will be a dancing party at the Temple theatre Friday night, Oct. 26, given by the Grayling band. Music by Clark's full orchestra and band. Bill 75 cents. You are invited.

Mrs. James Ingram, who has been visiting at the homes of Roy Wilcott and Truman Ingram, returned last Monday to her home in Rose City. She was accompanied by Mrs. Ingram who is spending the week there.

Revs. J. J. Riess, A. A. Mitchell and Kjolhede, all preached specially strong Liberty bond sermons Sunday. These gentlemen are using their strong influence in this community in behalf of the sale of Liberty bonds.

We hear from Camp MacArthur, Waco, Texas, that Private Louis D. Bennett of Grayling, a member of Co. 2, 120th Machine Gun battalion, has applied for transfer as war photographer in the Signal Corps. He is the son of Mr. and Mrs. George Bennett of this city.

Bart Peterson, who has been working for a Railroad Supply Co. at Kalamazoo for the past few weeks, returned home last week, having suffered the loss of two fingers of his left hand Saturday, Oct. 13th. His wife, who has also been in Kalamazoo, returned here with him.

Regular meeting of Masonic lodge tonight.

Paul Sivrais is in Reed City on business.

The new postage rates will go into effect November 2.

Adam Gierke was in Bay City the latter part of the week on business.

Still time to buy that Liberty bond. Don't hesitate to use your savings account.

Mrs. J. A. Gohl and two children of Hillman are visiting at the home of F. M. Woodruff.

The Schrieber school will begin Monday with Miss Johnson of Grand Rapids as teacher.

Charles Owens left Friday to spend a few days visiting friends in Bay City and Saginaw.

George Brott, who is at the home of his son Roy and family at Tekonsha, is reported critically ill.

Miss Helen and Dan Barber of this city were guests of Frank Barber at Beaver Creek over Sunday.

Mrs. Pansy Stephens and George O. Ackerman were united in marriage Saturday night by G. O. Maho.

You can get an extra "Forty winks sleep" in the morning if you equip yourself with one of Hathaway's alarm clocks.

Born to Mr. and Mrs. Henry F. Beldore of Bay City, former residents of Grayling, an eight pound baby boy Saturday, Oct. 13.

"The Eternal Sin," featuring Florence Reed, will be presented at the opera house Friday night, Oct. 26. Prices 15 and 25 cents.

Arthur Karpus, who recently entered U. of M., is now a member of the University's famous foot ball squad. The team expects to make a three days' trip to Tiffin, Ohio, soon.

Miss Anna Dueson left today for Bay City where she will join Miss Anna Nelson, and together they will enjoy several days in that city and also Pinconning. Both young ladies will return home next Monday.

Farmers and cattle growers: Be sure and attend the Livestock exhibit at the Michigan Central railroad in this city next Saturday forenoon at 9:00 a.m. Mark the date down and then be there. Be Johnny-on-the-Spot when the train arrives. This will be free. Boys and Girls come and hear about the pig club.

There was a very good attendance at the Teachers' Institute of Crawford county, which was held in the school house in this city Thursday and Friday of last week. The sessions were conducted by W. L. Coffey of the department of public instruction of Michigan, and Hon. H. R. Pattengill of Lansing. There seemed to be a general feeling that this was an exceptionally good meeting. The talks by Mr. Coffey and Mr. Pattengill were full of good information and inspiring, and the latter was not slow in contributing a smile now and then.

Get your tires and tubes at Burke's garage.

Buying U. S. bonds is little enough for any of us to do.

Miss Marie Lovelly returned Tuesday morning to Lansing.

Miss Eva Vuill spent the week-end in Detroit visiting friends.

Miss Violet Woodruff is assisting in the Model bakery this week.

Miss Helen Bauman has returned from a several weeks' visit in Detroit.

Do your Xmas shopping to-day—buy your son or daughter a Liberty bond.

County board of supervisors are still in session. But expect to adjourn today.

Ducks seem to be plentiful on the lakes. The hunters are having great sport these days.

Mrs. W. E. Havens and daughter Miss Agnes were in Bay City Saturday on business.

Mrs. Victor Salling is visiting her daughter, Mrs. Spencer Mellstrup and family at Lansing.

Don't forget to attend the Red Cross benefit party at Temple theatre Halloween night—October 31.

Mr. and Mrs. James LaMont and two children of Bay City were guests of relatives here over last Sunday.

Earl Wright returned to his home in Bay City yesterday after a pleasant week spent here at the F. M. Woodruff home.

The Max Landsberg stock has been moved into their new quarters in the new Salling building next to Shoppington's Inn.

Why go to the trouble of sending your glasses away, when Hathaway can duplicate them exactly if you bring in the broken lenses.

Thomas Cassidy was in Bay City and Midland on business during last week. He left Monday of this week on a similar trip to Battle Creek.

Emerson Bates had the misfortune of breaking both bones of one of his lower legs, Friday last, while in a foot ball game at Traverse city. He is at home and getting along nicely.

Stop! Look! Listen! Order a Detroit Journal now. Don't delay. Only 12c per week. Read the great serial and war news. Phone 1023.

Archie Adams, Local Agent.

Mr. and Mrs. Guy G. Pringle returned from their honeymoon trip Thursday of last week, and will be at home to their friends in Grayling. Mr. Pringle has accepted his old position as express agent for the American express Co. of this city.

Miss Ingrid Jorgenson has resigned her position of compositor in the Avalanche office and will enter Ferris institute next week. She was an exceptionally accurate and rapid compositor and no doubt will become an expert stenographer and typewriter.

Alton Brott of Beaver Creek was in Grayling Monday and delivered to the Milka market twenty lambs—that brot him \$170.30 in cash. He says that he has a lot of ewe lambs that he has been offered \$1,000 for, but intends to keep them for shearing and breeding purposes.

The six months old son of Mr. and Mrs. A. J. Bennett of the south side passed away Monday morning, after a few days' illness. Mr. and Mrs. Ollie Baker and Mr. and Mrs. Keeley of Midland, and Mrs. Smith of Standish were here for the funeral, which was held yesterday afternoon.

Our samples of Xmas greeting cards have just arrived. This is a way to beautifully remember your friends and the cost is not great. We have them in a variety of prices. Positive no orders taken after November 24, even that time may be too late.

Avalanche office.

A \$1,000 fine was imposed upon Pat Burke of Frederic, by the Federal court. He had been charged with selling liquor to soldiers. The fine was paid. Harry Cook and George Cross, charged with similar offenses, were sentenced to six and nine months in prison, respectively.

P. F. Jorgensen and daughter, Miss Ingrid were in Battle Creek the fore part of the week visiting their son and brother, Leo Jorgensen, who expects to leave Camp Custer this week for Camp Mac Arthur, Texas, being among those who will be used to fill the vacancies in the regiments there.

Mrs. Martha Robinson of Florida for the past twenty years or more, who will be well remembered by our old settlers as a daughter of Mr. and Mrs. Geo. W. Love, is visiting her old time friends in the village from her former neighbors, Mrs. J. S. Harrington's home. She was called from the south by the serious illness of her mother, now living in Roscommon with her daughter, Mrs. William Wallace. Mrs. Love having rallied a little for the time gave "Mattie" a few days here for rest and calling and greeting those whom she knew so well and all parties are made glad.

Next Saturday, October 27, the Livestock special train, under direction of the Northeastern Michigan Development bureau, Michigan Central and Detroit and Mackinaw railroads, will be exhibited at Grayling. It is said that this will be a College on wheels, complete from teaching staff, laboratories and equipment. Every farmer and every person interested in live stock raising should be here. In fact you cannot afford to remain away. The train remains in Grayling from 9:00 a. m. to noon, after which it will leave for Lewiston for the afternoon. The exhibit at Roscommon will be from 2:00 to 5:00 p. m. Oct. 26. All the counties in Northeastern Michigan will be visited. The exhibits are for all to attend.

It's Going To Be a Long Winter

SO SAYS THE WEATHER MAN

Better take stock of your clothes needs now and supply yourself while our stock is new and complete, and prices are far below what they can be bought for now.

UNDERWEAR

Our underwear purchases were made several months ago, and now in many cases cost more to buy than we are selling them for. That's why we are urging you to come early while our stock is complete.

Ladies' union suits in high neck and long sleeves, or Dutch-neck and elbow sleeves at 75c to \$1.50.

Two-piece garments in fleeced at 35c and 75c.

Wool garments for ladies at \$1.25.

Heavy ribbed union suits for girls, sizes 2 to 16, at 75c.

Our assortment of men's union suits feature fleeced lined at \$1.50 to wool at \$4.00. There is a big saving on every garment for you.

Extra Special

For balance of Oct. men's heavy two-piece fleeced underwear specially priced at 69c.

Men's Furnishings

You want the smartest. They are ready for you here.

Dress shirts, soft or laundered cuffs, 75c to \$2.00.

Ties 25c to 75c.

Gloves \$1.25 to \$3.00.

Wool knit gloves 35c to 75c.

Men's gowns, flannellette, 75c to \$1.50. Pajamas \$1.50.

We are "There" on Mackinaws

You can't beat our prices anywhere. We bought early and our savings are yours. Coats for men at \$4 to \$12.00. Splendid values.

If you are looking for comfort, genuine service and low prices, visit our shoe department. We at all times give you honest value and reliable makes.

Save broken lenses by getting a pair of Hathaway's new shell rim glasses.

In buying U. S. bonds we are teaching ourselves to save and all the time we are helping our country to win. We are living up to our duty as American citizens.

The Red Cross chapter will give a Halloween dancing party at the Temple theatre Wednesday night, Oct. 31. Besides dancing there will be a Cafeteria luncheon, fishing pond and other amusements. Price for the dance is 50c per couple. The proceeds will go into the local Red Cross funds and used for purchasing materials.

A special meeting of the ladies of the Grayling Social club was held Tuesday afternoon. The following officers were elected: President, Mrs. Babara Hanson; vice president, Mrs. J. H. Lamb; secretary, Mrs. A. M. Lewis. Owing to war conditions and the general feeling of depression throughout the country, it was voted to hold parties only on the holidays.

Theodore LeBeau a representative of the New Era insurance association, is serving time in Leavenworth prison. LeBeau had been in Grayling for several months in the interest of his firm. As a side line to make a little extra salary he was a cigar maker and was as such working for J. W. Letzku. He was arrested about two weeks ago by federal agents for sending obscene literature thru the mails. It is reported that he had written a certain girl in another town and that the letter was not called for and was sent to the dead letter office, thus his filthy epistle was detected and he was soon placed under arrest.

The greatest values your money can buy in Ladies' Suits and Coats. Stunning styles offered at \$15, \$18, \$25.

This is the "Suit and Coat" store of Grayling and we are now, more than ever, trying to give you style and quality at lowest possible prices



The Trench Overcoat at its best

Stylish, double breasted, belt all around, vent in back, convertible collar, slash pockets.

Described a real coat, reflecting the military tendency, comfortable and smart in appearance.



Styleplus Clothes \$17 AND \$21

Each grade the same price the nation over

Many models, suits and overcoats.

All wool fabrics, exceptional style and tailoring, guaranteed wear and satisfaction.

Two grades, two prices, each grade the greatest possible value at its price.

Styleplus \$17 still the same price.

Styleplus \$21 grade, just added—greater variety in fabrics and models.



GRAYLING MERCANTILE CO.

We don't offer substitutes at this store. "Something just as good" at a 50 per cent price now-a-days is more than likely to have a less than 50 per cent value. Our pledge is 100 per cent value for every dollar's worth you spend here. You'll find it a good basis on which to trade. Come in and give us the opportunity to demonstrate it.

HEATING STOVES

The winter is before us and our people will need Heating Stoves. As usual we have tried to provide a line that stands for EFFICIENT SERVICE and ECONOMY in operation. Call and look over our line.

SALLING, HANSON CO.

Hardware Department

Buy a 2nd Liberty Loan Bond

New Buckeye Kitchen Cabinet Only \$14.98

The new Buckeye Cabinet is well known, has sliding table top, white enamel inside cupboard, swinging flour bin, upper panel in doors are filled with art glass and curtain roll on lower cupboard. Entire front is made of selected oak. We are offering you this fine cabinet, which will save you miles of steps, at only

\$14.98

Price named is strictly cash f. o. b. factory.

For further information ask the clerk.

SORENSEN BROS.

The Home of Dependable Furniture.

Rubbers and Overshoes

We have a full line of these goods. Buy here and save money.

We have a fine selection of Tennis Shoes in white and black.

Rapid Shoe Repair Shop

E. J. OLSON, Prop'r.

Next Door to Central Drug Store

DETROIT WOMAN SPENT A FORTUNE

Mrs. Rice Declares That Trouble Followed Her for Fifteen Long Years.

ENJOYS LIVING NOW

"Tanlac Is Making a New Woman of Me, It Has Done Me More Good Than All Other Medicines," She Says.

Mrs. L. C. Rice, 128 Selden street, Detroit, Michigan, declares that she has derived more benefit from five bottles of Tanlac than from medicines and treatments which have cost her a small fortune in the past fifteen years. Her statement follows:

"I have suffered for the past fifteen years with disordered kidneys and stomach trouble. I had such awful pains that at times I couldn't help crying out loud. My feet and lower limbs would become numb and swollen until I couldn't walk and would have to take to my bed. I couldn't sleep on account of my nervousness and would often get up and walk the floor, when I was able to walk. I took all kinds of treatments and spent a small fortune, but didn't get any relief.

"Five bottles of Tanlac I have taken made me feel a hundred times better. I don't suffer any pain or inconvenience from my kidneys at all now and my stomach is in fine condition. My blood circulation is better and my limbs don't get cold like they did. I don't claim to be entirely well yet, but I eat heartily, sleep well and enjoy life more than I have in years. Tanlac is rapidly making a new woman of me. It has done me more good than all the other medicines I have taken in fifteen years."

There is a Tanlac dealer in your town. Adv.

Women are pretty, but few of them are as beautiful as they think they are.

WOMEN SUFFERERS NEED SWAMP-ROOT

Thousands upon thousands of women have kidney and bladder trouble and never suspect it.

Women's complaints often prove to be nothing else but kidney trouble, or the result of kidney or bladder disease.

If the kidneys are not in a healthy condition, they may cause the other organs to become diseased.

You may suffer a great deal with pain in the back, headache, loss of ambition, nervousness and may be dependent and irritable.

Don't delay starting treatment. Dr. Kinner's Swamp-root, a physician's prescription, obtained at any drug store, restores health to the kidneys and is just the remedy needed to overcome such conditions.

Get a medium or large bottle immediately from any drug store.

However, if you wish first to test this great preparation, send ten cents to Dr. Kinner & Co., Birmingham, N. Y., for a sample bottle. When writing be sure and mention this paper. Adv.

Too Much Grammar. A man made a bet with a friend that he could go into the Hittingsgate fish market in London and put one of the well-known loud-mouthed fishermen in a rage without saying a word that she could understand.

The man commenced by silently jangling with his nose that he had passed the fish stage. The Hittingsgate lady at once made a verbal attack.

The man answered: "You're an article, ma'am."

"No more an article than yourself, you villain."

"You are a noun, woman."

"You—you—" stammered the woman, choking with rage at a list of titles she could not understand.

"You are a pronoun."

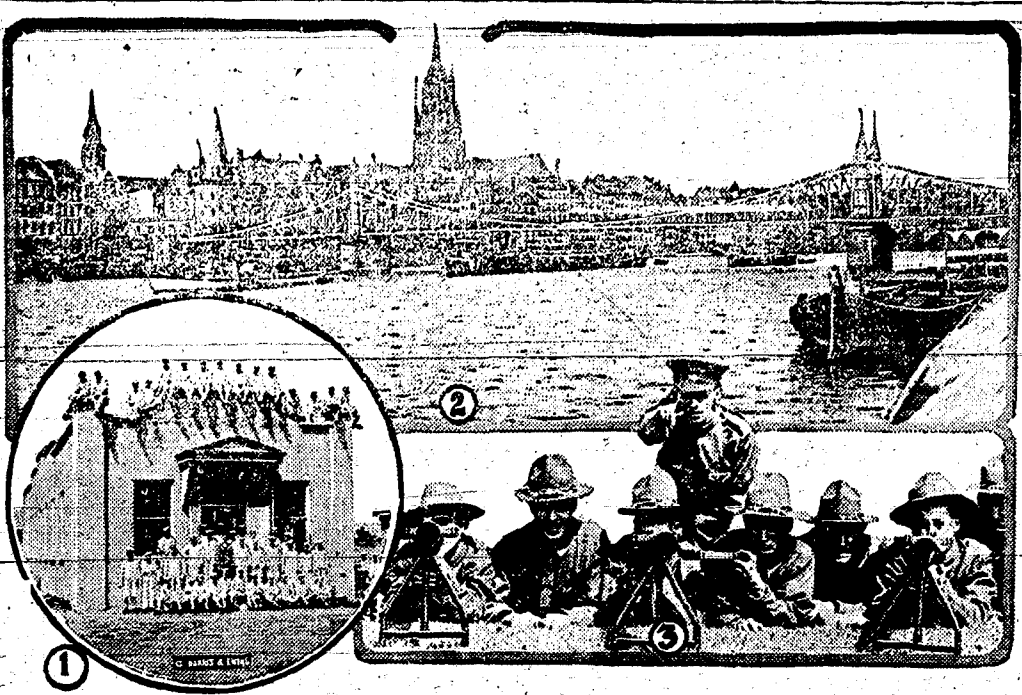
The beldam shook her fist in speechless rage.

"You are a verb—an adverb—an adjective—a conjunction—a preposition—an interjection!" suddenly continued the man.

The nine parts of speech completely conquered the old woman, and she dumped herself down in the mud, crying with rage. Ladies' Home Journal.

The War Tax. "The war has come home to me. I've just had to pay six cents for a nickel cigar."

"Cheer up, old pal. Perhaps somebody will get up a four-cent smoke they'll sell you for a nickel!"



1—Y. M. C. A. building built by the Jacks at the Newport naval training station and paid for by them, after the original building was burned. 2—View of Frankfort-on-the-Main, which was bombed by French airmen in reprisal for aerial raids on French cities. 3—Sergeant Weston of the Canadian forces, who was wounded at Verdun, instructing American student aviators at the school at Atlanta in the use of machine guns.

NIGHT PHOTOGRAPH OF BRITISH GUN POUNDING THE GERMANS



All the time, day and night alike, between the offensives, the British guns keep hammering away at the Germans. This remarkable flashlight photograph shows a squad of gunners preparing one of the big howitzers for action during the night.

WASHINGTON SOCIETY WOMEN ORGANIZE AMBULANCE CORPS



Prominent society women of Washington, under the leadership of Mrs. J. Borden Harriman, have organized a motor ambulance corps. Mrs. Harriman is now colonel of the organization, which is known as the Red Cross motor corps. All the members of the corps had a year's experience in running their automobiles before they enlisted. The women in the ambulance service wear a distinctive army uniform that is not unlike that of the British aviators. This photograph shows the entire corps, Mrs. Harriman being in the center, near the seat of the car.

WELCOMING AMERICANS AT BLACKPOOL

MRS. J. HENRY JOHNSON



This truck load of pretty girls who are making munitions for the allies formed a picturesque part of the celebration of Anglo-American day at Blackpool, England, recently. They are extending a hearty welcome to the arriving Americans by joining in the procession that was organized to greet the visitors.

IS COLLEGE STUDENT AT 86

Mrs. Amy D. Winship Again Is Enrolled at the University of Wisconsin.

Madison, Wis.—Mrs. Amy D. Winship, oldest college student, has returned to attend the summer session at the University of Wisconsin. She spent the winter at the University of California.

Now eighty-six years of age, Mrs. Winship has attended the university

twice before, once in 1912-13 and during the 1916 summer session, and asserts that she will attend college until she is ninety.

Greek history is her chief interest this summer. She is also continuing her study of botany and zoology.

Cat in Air-Tight Safe. Sandusky, O.—"Tom," the court-house cat, crawled into the safe in the elections board's office the other afternoon and went to sleep. Clerk Har-

home. The next morning, when the big doors were swung, "Tom" hopped out with a "meow," just as if nothing had happened. The safe is supposed to be airtight.

Women Carry Mail. Lorain, O.—Scarcity of men has brought the lady mail carrier to Lorain. Special permission from Washington was received to allow women to take the examinations. Lorain had the first women section hands in the country.

The KITCHEN CABINET

The woods have vespers silences. A silence has the sea. But in the mountain's quietness is God's serenity. —A. W. Peck.

WAYS WITH APPLES.

Apples are our common fruit, but may be prepared in countless ways for the table.

Apple Jam.—Pure, core and chop a pound of apples, add a pound of sugar, a cupful of chopped raisins, a lemon juice, and grind finely chopped, one cupful of

chopped raisins, one orange, juice and rind, cook until clear and thick.

Apple Delight.—Two cupfuls of chopped apple cooked in a double boiler with two cupfuls of sugar, one orange, one lemon, the juice and rind finely chopped, one cupful of raisins. Cook one hour, then add a cupful of walnut meats five minutes before it is ready to pour into the glasses. Seal in jelly glasses.

When drying apples, if they are dipped in a mild salt solution before putting to dry they will keep a lighter, better color.

Apple Butter.—Boil new cider until reduced one-half the day before it is to be used. To every four gallons of boiled cider allow a fourth of a bushel of juicy apples, pared, cored and quartered. Fill a large kettle with the cider and add as many apples as can be kept moist. Stir frequently and when the apples are soft beat with a spoon.

Cook until dark brown. Have boiled cider to add if it becomes too thick and more apples if too thin. Twenty minutes before removing from the fire add cinnamon and nutmeg to taste. Keep in stone jars.

Apple Catsup.—Peel, core and quarter sour apples, stew as soft as possible in a very little water. Put through a sieve and to each quart add a teaspoonful each of pepper, cloves and mustard, two teaspoonfuls of cinnamon, two medium-sized onions chopped fine, a teaspoonful of salt and a pint of vinegar. Boil one hour, seal tightly.

Apple and Quince.—To every four pounds of apple add a pound of quince unpeeled and cut fine, then cooked with the apple just as for canned apples.

Baked apples filled into sterilized cans and covered with hot syrup makes a most delicious canned apple for winter use.

Corn Fritters.—To a pint of corn freshly cut from the cob, add salt and pepper to taste, two tablespoonfuls of melted butter, three well-beaten eggs, two tablespoonfuls of milk and sufficient flour to make a thick drop batter. Drop by spoonfuls into hot fat. Drain on paper and serve hot.

Rubber-tipped door stops screwed into a piece of board make a very good foot-rest or put onto a kitchen chair will raise its height to use for ironing or dish washing.

Men fight that man may awaken. And so longer wait to kill. War is the end and the heaven's are shaken. That man may learn how to be still. —E. W. Wilcox.

POTATO SALAD.

Potato salad will, we hope, this year be found often on our menus, as the potato will not hold so high a price in the market.

The following are a few ways of making potato salad, not all new but worth trying: Cook ten potatoes in their jackets, adding them well when nearly cooked. Drain and cool well, then peel and chop quite fine with half a green pepper freed from its seeds, two hard-boiled eggs, three small beets, six sliced cucumbers, two tablespoonfuls of walnut meats cooked in boiling salted water five minutes, then drained and chilled in cold water.

Mix well and season with paprika, salt and pepper. Moisten with good salad dressing, pack into a glass mold and set away to chill. When ready to serve, line a dish with lettuce leaves and turn the salad out on it. Cover with salad dressing and serve garnished with small pickles decorated in the form of a star on the top.

Hot Potato Salad.—Wash and cook six medium-sized potatoes without paring. Cool, peel and cut in thin slices. Arrange a layer of potatoes in the bottom of a dish, season with salt and pepper and sprinkle with finely chopped parsley and celery. Mix together four tablespoonfuls of olive oil, and three of vinegar and heat to the boiling point. Pour over the potatoes and cover tightly. Stand in a warm place until needed. If olive oil is not to be served use bacon fat and bits of crisp brown bacon. Serve with cold sliced meat or crisp bacon.

Stuffed Beets and Potato Salad.—Cook large, shapely beets until tender, then drop into cold water and slip the skins for them. With a teaspoon hollow out each beet till a deep cup is formed. Fill with vinegar and let them stand in the refrigerator until time for serving. For the filling, chop cold boiled potatoes with one-fourth

Sufficient unto the Day. Finish every day and be done with it; you have done what you could. Some blunders and absurdities, no doubt, crept in; forget them as soon as you can. Tomorrow is a new day; begin it well and serenely. —Exchange.

Opposites. We have two classes of unfortunates in this old vale of tears and laughter, those who can't get their minds on their work and those who can't get theirs off. —Ohio State Journal.

Comrades. "Shall I part your hair?" inquired the barber. "My hairs, you mean. No, there are only two of them. It would be a shame to part them." —Louisville Courier Journal.

Big Market for Peanuts. Marseilles, France, is the great central market for peanuts, more than 120,000 metric tons of peanuts in the shell and 240,000 tons of shelled nuts being crushed there in a single year.

IMPROVEMENTS ARE NOT TAXED

Western Canada Does Not Tax Stock or Improvements but Collects an Additional Tax From Land Speculators.

Owners of uncultivated lands in Western Canada are loud in their protests against an extra tax on their lands because they are not under cultivation. Western Canada, through its provincial governments, is endeavoring to force the speculative land owner to either sell his land to a settler or to cultivate it himself. At present a surtax of a few cents an acre is levied against all wild land, so that the owner or land held in its natural state, without improvements, is contributing more taxes to the government than the owner of a farm that is cultivated and even improved with buildings and stock to the value of thousands of dollars.

In order to encourage the farmer to improve and to go into stock raising, he is not charged one cent of taxes on any of his improvements, implements or stock of any kind.

As a result of this surtax on uncultivated or speculatively held lands, the owners are now trying to sell them to actual settlers, and in nearly every instance, have been offering on very easy terms of payment, usually a quarter down, and the balance extending over a term of years at prices much lower than their productive value would warrant.

A world-wide shortage in farm stuffs has given a new value to all agricultural products and the margin of profit today is greater than ever in the past. It is true labor and implements have increased in price, but it is now possible to secure 50% profit in farming, and higher. Possibly not on the \$100 to \$200 an acre farm lands but on land that can now, under existing conditions, be purchased at from \$15 to \$30 per acre.

Western Canadian farm lands are as productive as any in the world and can be as economically farmed. Wheat yields of from 30 to 60 bushels per acre have been common in Western Canada during the past few years, and the farmers have been too busy farming all they can so as to sell as much wheat as possible at \$2.00 a bushel, that they have not had time to do any talking or writing. It is doubtful if there ever was such an opportunity to make big profits in farming. The value of each year's crop has been in hundreds of cases more than the market value of the land it was grown on. It is unreasonable to suppose such a condition will last long, as the land now being forced onto the market by surtax on speculative owners will soon become absorbed by those who have learned of these highly profitable wheat lands. The news is spreading gradually throughout the high priced land districts in the United States, where there is a renewed awakening to the realization that the maximum profit in farming is not being obtained when it is possible to secure from forty to seventy per cent return on the investment in Western Canada. Many who have been planning to visit Western Canada for the purpose of personally investigating conditions are leaving this month, when the good weather can be enjoyed. As threshing operations and marketing of grain is under way, no better time could be selected to secure first hand and reliable information from the farmers themselves. The winter months afford ample time for completing moving arrangements, to allow the settler to take up residence in early spring, so as to get something done next year and to make a start on the big and profitable farming operations in Western Canada. Advertisement.

DISHES IN SEASON. Cut the centers from finger rolls, fill with creamed chicken, mushrooms or sweetbreads. Set into the oven and toast the top. Garnish with parsley.

Hot Cheese Sandwiches.—Cut the bread thin, butter the slices and lay a slice of cheese on each; season with salt, pepper, and a pinch of mustard. Place the sandwiches in a toaster and toast both sides a delicate brown.

Sweet Pickled Muskmelons.—This is a good way to use under-ripe melons; cut in slices and remove the rind and seed portion. To each quart of water add a fourth of a cupful of salt; pour this over the sliced melon and let stand overnight. Drain and let stand in boiling salted water. Cook but a few pieces at a time and remove as soon as they are tender. If cooked longer they will be mushy.

For seven pounds of melon make a syrup using four pounds of sugar, three cupfuls of vinegar, half a cupful of cloves, a cupful of cinnamon bark. Pour over the melon and let stand overnight, then drain off the syrup, pack the melon in jars, reduce the syrup by boiling and fill the jars.

Bordeaux Sauce.—Take four quarts finely chopped cabbage, two quarts of finely chopped green tomatoes, six quarts of finely-chopped red peppers, six quarts of finely-chopped onions, two pounds of sugar, one-half cupful of salt, two quarts of vinegar, one ounce of mustard seed, one-half ounce of celery seed, one-half ounce of turmeric. Mix well and boil two hours. This recipe may be quartered for a smaller amount.

Puree of Summer Squash.—Slice three onions and cover with two quarts of cold water; when it boils add the squash cut in thin slices. Let simmer slowly for two hours, then rub through a sieve. Mix one tablespoonful of ground rice, one cupful of milk and one tablespoonful of butter in a saucepan and when hot add to the soup. Add two tablespoonfuls of green peas, season well and serve piping hot.

Nexie Maxwell. Comrades. "Shall I part your hair?" inquired the barber. "My hairs, you mean. No, there are only two of them. It would be a shame to part them." —Louisville Courier Journal.

Big Market for Peanuts. Marseilles, France, is the great central market for peanuts, more than 120,000 metric tons of peanuts in the shell and 240,000 tons of shelled nuts being crushed there in a single year.

DESTROYER OF THE FRONTIER. Aircraft Promises Such Swift and Easy Transportation That Peoples Will Not Be Rooted in Soil.

If you want in the ordinary way from the Italian city Turin to England, you would change trains three times, cross the channel by boat, force yourself to be patient while locomotives waited and took on water, passengers embarked or alighted along the railway, and customs officers went through their fussy examinations. A proper allowance of time, we would say, would be 38 hours.

The other day, Captain Lauriat of the Italian aviation corps made the journey by airplane in 12 hours and two minutes. For him, there was no such thing as frontiers, no delays except those he himself willed, no officials in seedy uniforms to make a mess of his baggage unless he elected to let them.

It is the idea of internationalists that we'll have a world state when everything is so mixed that there is no straightening it out by national command, when borders can be crossed as one would county lines, when transportation is so swift and easy that no peoples can be or will desire to be rooted in the soil. Well, should this come about, the world has the instrument which will compass it. It is the flying machine. —Toledo Blade.

WHEATLESS MEALS! DONT BOTHER ME SAYS Bobby JUST TRY POST TOASTIES BEST CORN FLAKES EVER!

Boys & Girls THRIVE on the easily digested wheat and barley food **Grape-Nuts** There's a Reason

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This Talk is For You Readers

The Value of a Dollar Well Spent

Mothers where are you buying your children's school shoes and are you satisfied? I have had a very prosperous trade on this line.

In connection with above shoe line I have one of the best assortments of rubbers and arctics in all sizes, and the low prices will astonish you—Same as on tennis goods. These are cheaper than you can buy elsewhere, and why? Bought right. Remember the old saying—Goods bought right are half sold.

This store is certainly busy and getting more busy every day as the cold weather advances. As my rubbers are not all marked at the present writing, I will quote prices in my next issue. I only impress on your mind that this will be the place to get your rubbers for all the family from the baby up, considering kinds, sizes and prices.

FRANK DREESE

The Low Price Cash Store on the hill opposite the jail, Grayling, Mich.

Shirley Dyer Writes Interesting Letter From Waco.

Camp MacArthur, Texas.

October 8, 1917.

O. P. Schumann, Grayling, Mich., dear friend:

I am somewhat slow in writing to you this time but will try to make up the deficit in writing a letter of interesting news about our camp and duties.

I have read the letters you received from the fellows at Camp Custer and I am sure it will interest them to hear from a brother-soldier at Waco, thru the medium of your paper. Their letters interested me, you may be sure.

Our quarters are clean and comfortable. We have two rows of tents now to a battery owing to an increase in men. We haven't our full quota of 193 but expect some from the drafted army. Our gots are made up spick and span every morning and everything arranged in an orderly manner for inspection by the officer-of-the-day, who reports the condition to the commanding officer. Our personal appearance must be perfect. If a fellow does not have ambition enough to take a bath regular we take him down to the shower bath and use scrub brush and soap very energetically. It always cures because it hurts.

We have been having good eats the

last three weeks—beef steaks and roasts, potatoes boiled with and without jackets, fried and mashed, with brown gravy, bacon for breakfast with fried potatoes and oatmeal or shredded wheat; hot coffee. The last week our meat ration has been decreased and vegetables have taken its place with lemonade or iced tea and coffee. Bread is served on the table at all meals. Once a day we have fruit and once or twice a week we get griddle cakes for breakfast.

I think we eat pretty fair in comparison with other troops here. The fellows are having quite a time learning how to ride horses. The horses we use are trained, but a greenhorn has to be careful or he gets spilled. First we are instructed in saddling and bridling, then mounting and dismounting. Now comes the funny part. After learning how to ride in a circle and made to fall off scientifically. Some of the fellows are afraid to fall and hang on as long as they can. The horse is then put into a gallop and when they fall off it sure is funny to see the position their faces—not baring myself, altho I have ridden before at home. We will get acquainted to it in a couple of weeks. We also get instructions on the care of the horses.

We received our field pieces today.

and will soon get instructions and drilling of a different nature than formerly.

My greetings to the boys at Camp Custer, and many pleasant hours after retreat. Your first devil,

Shirley Dyer, Battery F, 119 F. Artillery, Camp MacArthur, Waco, Texas.

Ransom Burgess Writes of Camp Custer.

Camp Custer, Michigan, Oct. 21, 1917.

Mr. O. P. Schumann, and Friends of Grayling, Dear Sir: By this time you may be thinking that we have moved, or gone to France, but we are still here and working every day. Just a little late in answering, or writing letters altho very glad to receive them, also the Avalanche news is always a lot of interesting news in it.

Things are beginning to get better for us now as we can go down town and find our old friends, Hodge & King of Grayling and buy a good feed and also have a chat with them and the rest of the bunch there. Of course they don't have very much time to talk unless they keep right on working, for we are not the only hungry ones coming in, but there is a lot more the same way.

We also have Dan Mosher in the jitney business and it seems just like home; leaving Hodge & King's and going out and jumping into the car with Dan, and when we get back to camp there is always some one from Grayling, who didn't happen to go to town, looking for news from home, if any can be had.

We are looking ahead for the time when the next bunch will get here with more of our friends, who we will greet with a good hearty handshake, and all we lack now is the date to look forward to when they will come.

Downstairs now, they are having some music. There are quite a few who can play different instruments, and as we have a piano to go with them it helps things along quite a lot. Next week is going to be a "large one" here. There is a bunch from each company leaving for Texas, either Monday or Tuesday to fill up the M. N. G., also there is a large parade and dedication of the camp, altho we haven't heard the exact program. Also Wednesday there is to be a little track meet in our regiment. As the rivalry is growing worse it must be settled, as each company claims the honors. And last but not least comes moving day. The date has not been settled but we know we must move soon into larger barracks into another section of the camp, in order that they will have room for a full company in each barracks, as the ones we now occupy are only built to care for 200 men and the company is to be increased to 250 men or French style.

Most of the men would rather stay here for now we are sure of heat most of the time, as it was turned on last week but has to be turned off at times during the day as they are still working on the pipes. Without heat it is a long ways from agreeable. Well I think I had better quit for this time, with best wishes and kind regards to all our Grayling friends. Very truly yours, Ransom Burgess.

MICHIGAN KNOWS HOW RED CROSS WORKS WHEN DISASTER STRIKES

There is No Fumbling About During Crisis, Whatever Its Nature, Because Trained Workers Know What To Do And How To Do It—Wonders Accomplished In Record Time—What Washtenaw County Saw In Recent Tornado Was Duplicated In Jackson, Ingham And Calhoun And, Previously, In The Metz, AuSable And Oscoda Forest Fire Calamities.

The list of men who have enlisted for the Red Cross drive in Detroit and Michigan this week includes the names of practically every leader in every line. Millionaire motor manufacturers, owners of the biggest stores and factories, leading lawyers and ministers and teachers, have all entered the work with a will. The officers of the Michigan division are: Frederick W. Stevens, chairman; Mark T. McKee, vice-chairman; Emory W. Clark, treasurer; and Paul H. King, director of publicity. Governor Sleeper's proclamation urges all citizens to take up the work. Brig-Gen. Louis C. Covel has promised the aid of the entire Michigan National Guard, Fred L. Keeler, superintendent of public instruction, has asked all school children and their instructors to help and every newspaper editor in the state has been named chairman of an advisory committee in his home community.

The United States has been asked to raise \$100,000,000 as an extraordinary fund in the eight days between October 15 and 25, inclusive, that the newspapers, offices and shops were work of the American National Red Cross, which has always been the first to respond to the call of disaster. The first word to the Red Cross, which has always been the first to respond to the call of disaster, may be efficiently carried through a Chicago paper to Charles Lee Bryson, vastating Europe, and provision made of the central division staff of the for our own soldiers who are going to Red Cross. One of the editors called the front as well as their dependents Mr. Bryson at his home and told him what had happened, "feeling sure the Red Cross would want to get on the job."

To the people of the state of Michigan has been allotted a share of \$3,000,000 in this nationwide subscription, of which Detroit has agreed to do the central division staff of the for our own soldiers who are going to Red Cross. One of the editors called the front as well as their dependents Mr. Bryson at his home and told him what had happened, "feeling sure the Red Cross would want to get on the job."

Next morning telegrams began to pour into division headquarters. Mr. Davidson, on the scene, reported that the people who lived near Metz, Presque Isle county when forest fires swept away life and property, a few years ago, in their ruthless rush. Other leaders of the Red Cross and its work when their homes were destroyed in the forest fires that literally blotted the towns of Au Sable and Oscoda, in Isocou county, off the map, back in 1911. And just a few days ago, the people of Washtenaw, Jackson, Calhoun and Ingham counties learned something of the Red Cross and its work when a tornado left a wide swath of death and desolation in its day long, and until after 1 o'clock at wake as it rushed across that rich night, the office was reaching out with telegraph and telephone, snatching the news of the disaster that Red Cross nurses and workers from the American Red Cross most them for Mattoon and Charleston distinguished themselves. The ease Mr. O'Connor reached Chicago from in Washtenaw county is typical. The Washington at 3 o'clock, and in a

Mattoon and other cities in central Illinois were wrecked a few weeks ago by a tornado, which killed and injured hundreds and wrought enormous property damage. The picture shows a poor mother and her four children in the kindling-wood ruins of their home. The husband and father was killed. Red Cross directors, doctors and nurses were in charge at the scene of the catastrophe within ten hours after the storm.



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tornado tore through that county Wednesday and left the injured and property damage. A few minutes later Dr. Louis P. Hall, president of the Ann Arbor chapter, was notified, and went immediately to the Northfield district for a personal investigation of the damage done. The same evening Henry W. Douglas, president of the Washtenaw county chapter started relief work at Delhi.

Early Thursday morning workers went to both these districts and agents made a complete survey of practically the whole path of the storm. By Thursday evening reports of the Red Cross agents had been made, \$1,500 for relief work had been raised, the carpenters and masons of Ann Arbor had offered their services for three days, a committee of experts had been formed and, divided into four groups, assigned to four districts to relieve, and a financial committee to collect additional subscriptions. A number of smaller committees were told off to take charge of each detail of the situation, and in a few minutes the machinery was in operation.

The injured were given the best surgical and nursing care, the hungry were fed, the homeless given shelter, the dead identified and made ready for burial, with a loss of nearly 100 persons made homeless, the shattered homes, and a fund started and property worth millions destroyed, and to rehabilitate both wrecked cities.

Amputation can be reduced and this tube restored to its normal condition, hearing will be destroyed forever; Many cases of deafness are caused by catarrh, which is an inflamed condition of the mucous surfaces. Hall's Catarrh Medicine acts thru the blood on the mucous surfaces of the system.

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Expert Advice For the Automobile Owner

Queries and Replies Covering Matters of Importance to the Man Who Runs a Car

Is there any way to repair a blown out casing which is otherwise far from worn out?

A rapid and very economical way to repair a blown out casing in simply lacing up the injured part with ordinary wire lacing. A good repair job can easily be done in about fifteen minutes. First, cut away the loose rubber around the blowout so you can extend the lacing one inch or so beyond each extremity of the "wound." Secondly, with a stout harpin or a sharp nail punch a sufficient number of holes around the edges of the cut, being careful to get them equidistant, yet not too close together. Next lace up the cut with the wire lacing just as you would lace an ordinary belt, but in this case allow only one strand through each hole. Be also very careful to equalize as much as possible the tension of the wire strands. A double row of wire lacing (one over the other) will be much stronger than a single one. Finally place a piece of canvas, rubber or leather inside of the casing over the laced part so the minor tube cannot be injured. You have then a repair that you can again depend upon for a good many miles.

It stands to reason that wire lacing is that is suitable of lacing up a 193 horsepower belt should equally well answer the purpose of lacing up a tire tube. The scheme favors greatly the cars equipped with demountable rims or wheels. The last ounce of possible use can be handily extracted out of an injured tire, whether the blowout is premature or not.

It is essential that the wire lacing employed should be of the best wire lacing obtainable, which has not only an enormous tensile strength, but which possesses also a remarkable amount of resistance to torsion and flexion. These qualities make it admirably suitable for repairing a blowout in a prompt and economical manner. An ordinary coil of best lacing costs but 25 cents and is amply sufficient to repair from ten to fifteen blowouts, according to the size of the tire. Every motorist should start on a long, hard trip should not fail to take along a coil of best lacing, an ordinaryawl and a strong piece of canvas. Thus equipped, his chances of getting home on a bare rim are reduced to a minimum.

Would grinding the cylinders and pistons of an engine make gas tight fits without a gasket?

Yes, if the grinding was done accurately enough. Gaskets are satisfactory, with much less wear and cost. Furthermore, in repairing the head after once having removed it great care would have to be taken to be sure that the gaskets were clean. The gaskets also serve well to take up any warping which may occur in the metal.

Is there any electric system which can be run with the battery off without disconnecting the generator? If so, how can it be done?

A great many systems may be run with the battery off and current taken from the generator, but in none of them is it a safe proposition. The battery takes care of the generator current, as it is intended, and without this outlet for current it is very likely that the generator will suffer.

I am having trouble with my motor overheating. It steams when driven eight or ten miles. Would too much oil cause this, as it smokes at the exhaust?

The use of too much oil for any length of time will cause carbon to deposit on the piston and cylinder head and thus cause the motor to heat. If misfiring is evident and loss of power, then treat the motor as one badly carbonized. However, the heating may be due to other things besides carbon. The motor should not be operated with the spark retarded too far, and the brakes should not drag. The water system must, of course, be free from obstructions. If the pistons are poorly fitted or the rings worn excessively the oil will work up into the combustion chamber, deposit carbon and cause heating. Try to do as little intermediate and low gear work as possible.

What is meant by casehardening?

Casehardening refers to a process of producing a hard coating of metal over a piece of steel. The process consists of heating the metal and then lightly sprinkling potassium cyanide over it while it is hot. This causes an action between the metal and the cyanide which is very hard. This case or coating has good wearing qualities and protects the inner metal, which is softer and acts as a cushion for the case. Aside from the cyanide mentioned above, charcoal is used or charcoal mixed with barium carbonate.

My motor block is broken so as to be apparently beyond repair. Can anything be done?

Before giving up the cylinder casting you should take it to a good welder and have it gone over. Many an apparently hopeless job has been repaired by the welding process.

In straining gasoline I have had trouble with lint. What is a good protection against it?

Most gasoline contains lint in a considerable quantity. This lint is derived from the cotton strainers through which the fuel is passed in its process of manufacture, and traps will not catch it. It must be caught by fine screens or by chemical strainers. These screens in time clog and refuse to pass the fuel. On metal screens the layer of lint can be easily seen and lifted off. An exceedingly practical protection is a large tubular screen soldered to the tank outlet neck and sticking up into the tank. The flow into the carburetor, being much slower than the movement of the contents of the tank under the motion of the vehicle, permits the lint to be washed off the screen instead of collecting in a liquid tight layer thereon. Then the large area of screen prevents clogging oftener than once per year perhaps.

What is a live axle, and, if any, what is its advantage over other types?

A live axle is one which is a part in the transmission of power and hence is in motion during the time the power is transmitted. It is the opposite of a dead axle, which merely has the function of carrying the wheels and which does not revolve with them. With a dead axle it is necessary to get the power back to the wheels by means of chains, whereas with the live axle the more silent shaft drive can be used.

There is a knock in the cylinder of my car which I can stop only by retarding the spark lever as far as it will go and keeping it so, no matter at what speed the car is going. What is the matter?

You have not said whether you are obliged to retard the spark so far that the power is reduced. It may be that the spark linkage is connected up so that the spark ordinarily occurs too early and that the lever must be retarded all the way before the spark occurs in the proper place. If this is the case, change the setting of the spark linkage so that when the motor is cranked slowly the spark occurs at dead center with the lever retarded.

Vary the adjustment of your carburetor with the lever halfway advanced and then note whether the knocking continues. Crank the motor slowly and note which cylinders offer most resistance to the pull of the crank. If all are strong, then there are no leaky valves, pistons or rings, but if one or more are weak you should take your car to a repair shop and have the trouble fixed.

Remove the radiator cap, while the motor is running and note whether the circulation of water seems free; also feel the various parts of the system and see whether the temperature is fairly uniform all over the radiator and piping. Big differences in temperature would indicate lack of circulation, caused by sediment in the water jackets, loose pieces of hose in the passage ways or dirt in the radiator. A thorough flushing of the system should be sufficient to put it in good order, and, if it is not, the car should be entrusted to a repair man. A heavy coating of carbon on the cylinders will cause a knock, and the remedy is to remove the carbon. Detective ignition, if it causes a knock, should also cause a miss. Worn insulation, loose connections, poor adjustment of the vibrators, incorrect spark gap, dirty plugs and cracked pistons are the principal ways in which the ignition may give trouble.

Which gives more power—a long or short stroke motor?

Within the limits found in ordinary practice the short and long stroke motor will develop the same power, provided the piston displacement and speed are respectively equal. Let us consider two four-cylinder motors with three hundred-inch piston displacement. The long stroke motor has a small bore, and the explosion pressure acts on a piston of small area, but this is offset by the fact that the pressure acts throughout the long stroke. In the short-stroke motor the explosion pressure acts on a piston of large area, and this compensates for the fact that the stroke is short. The advantage of the long stroke motor lies in the fact that for a given piston displacement it has a smaller bore than the short stroke motor, the pistons are smaller and lighter, and the motor may be run at a higher speed, because light pistons and connecting rods do not vibrate as much as heavy ones, and it is by increasing the motor speed that the small bore, long-stroke motor is made to give more power than the large bore, short stroke motor of the same size.

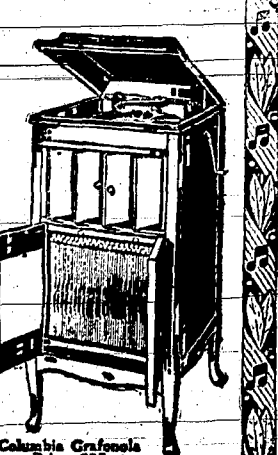
Is it common practice to regrind the cylinders when a motor is worn, or is it better to get new pistons and rings?

It all depends upon the condition of these parts. Sometimes it is advisable to regrind the cylinders, which is the case when they are worn oval. In this case the fitting of new pistons is difficult job, and the previous troubles would return again. If the cylinders retain their circularity then new pistons and rings may be fitted.

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Olaf Sorenson & Sons Grayling, Michigan

Christmas Greeting Cards

New line of samples just received. You are cordially invited to look them over. This Office will accept orders up to November 26, after which time deliveries will be uncertain.

Crawford Avalanche Grayling